



PRICE LIST

# Solutions for Power Switching, Power Monitoring and Power Conversion

15<sup>th</sup> June 2026



When **energy** matters

 **socomec**  
Innovative Power Solutions

# When **energy** matters



**ATyS a M**  
Frame M0 25-63 A  
Frame M1 80-160 A

## The most compact and simple modular ATS for an effortless integration

- ATyS a M supports the automatic transfer between two power supply sources and safe isolation for any low voltage installation.
- The product includes an integrated pre-set controller which automatically transfers the power supply between the normal source (main transformer) and the emergency source (genset or main transformer).



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# Contents

## Power Switching Products

|                                                               |    |
|---------------------------------------------------------------|----|
| Load Break Switches - COMO .....                              | 5  |
| Enclosed Load Break Switches - COMO .....                     | 6  |
| Load Break and Isolation Switches - SIRCO .....               | 8  |
| Load Break Switches for Photovoltaic Applications .....       | 12 |
| Local Visible Cut-off Switches for the Heavy Industries ..... | 13 |
| Motorised Load Break Switches for DC Applications .....       | 15 |
| Load Break Switches for Direct Current Applications .....     | 16 |
| Load break switches for DC and PV applications .....          | 18 |
| Fuses for Energy Storage Applications .....                   | 19 |
| Transfer Switching Equipment (Manual) .....                   | 22 |
| Transfer switching equipment (Remote).....                    | 28 |
| ATS Controller .....                                          | 31 |
| Transfer switching equipment (Automatic) .....                | 35 |
| Enclosed Automatic Transfer Switching Equipment.....          | 43 |

## Power Monitoring Products

|                                                                                                             |    |
|-------------------------------------------------------------------------------------------------------------|----|
| Digital Multifunction Power Meter .....                                                                     | 46 |
| Multifunction Measurement and Monitoring Unit - PMD .....                                                   | 47 |
| Single Phase & Three phase Energy Meters.....                                                               | 53 |
| Integrated Technologies .....                                                                               | 55 |
| Selection Guide-power Monitoring System AC .....                                                            | 57 |
| Multi-protocol Communication Gateways .....                                                                 | 58 |
| Multi-circuit Current Acquisition Module with Integrated Sensors for<br>Power Distribution Units (PDU)..... | 59 |
| Multi-circuit Metering & Measurement-Monitoring Devices & Modules .....                                     | 60 |
| Discontinued Products .....                                                                                 | 67 |

## Power Conversion Products

|                                                                   |    |
|-------------------------------------------------------------------|----|
| Single Phase and Three Phase UPS & Static Transfer Switches ..... | 65 |
| Socomec India- Terms and Conditions .....                         | 69 |
| Our Service Partners .....                                        | 69 |



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**COMO**  
Load Break Switches  
from 32A to 63A



**COMO**  
Enclosed Load Break Switches  
from 20A to 125A

### Optimize your setup with our Compact load break switches

- Easy assembly: Optimise integration and save time
- Enhanced Safety: Providing a secure and reliable lock for your setup.
- Compact Design: Maximize your panel space



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# COMO

## Load Break Switches

From 32A to 63A



COMO  
Direct operation



COMO  
External operation

### Advantages

#### Easy mounting

Three mounting possibilities are available for optimum integration and time saving:

- DIN rail or back plate mounting,
- Door mounting,
- "Quick Fix" mounting to save time when integrating in high quantities.

### Function

COMO are compact and modular load break switches. They make and break under all types of load conditions and provide safe isolation for any low voltage circuit, especially for machine control circuits.

### General characteristics

- 2 stable positions (I, 0)
- Double break per phase
- Positive contact indication
- Contact point technology
- Padlocking in 0 position
- IP20 devices and accessories

### Compact

Thanks to its compact design panel space is really reduced.

### Safety

- Direct access to connection terminals for adequate tightening
- Lockable rotary operating mechanism

### Din Rail/Back Plate Mounting

HSN Code: 85365010

| Solution                        |       | OPEN EXECUTION         |        |                          |        |                                        |        |                    |        |
|---------------------------------|-------|------------------------|--------|--------------------------|--------|----------------------------------------|--------|--------------------|--------|
|                                 |       | Din Rail/Back Plate    |        |                          |        | Door Mounting                          |        |                    |        |
| Standard Configuration Includes |       |                        |        |                          |        |                                        |        |                    |        |
|                                 |       | Direct Handle Version* |        | External Handle Version* |        | External operation Version* with screw |        | Quick Fix Version* |        |
| Rating                          | Poles | Reference              | LP (₹) | Reference                | LP (₹) | Reference                              | LP (₹) | Reference          | LP (₹) |
| 32A                             | 3     | 21113003               | 2090   | 21113103                 | 2390   | 21113203                               | 2746   | 21113303           | 2324   |
| 63A                             | 3     | 21113005               | 2162   | 21113105                 | 2534   | 21113205                               | 2804   | 21113305           | 2378   |

\* references are only for Switch

### Accessories for Din Rail/Back Plate mounting

HSN Code: 85381090



4th Pole



External handle K1



Extension Shaft



Aux Contact NO + NC



Neutral Pole

| Rating | 4th Pole | LP (₹) | External handle K1 with Guided Shaft IP65 | LP (₹) | Extension Shaft  | LP (₹) | Aux Contact NO + NC | LP (₹) | Neutral Pole | LP (₹) |
|--------|----------|--------|-------------------------------------------|--------|------------------|--------|---------------------|--------|--------------|--------|
| 32A    | 21111003 | 832    | 21131112 (Blue/Black)                     | 708    | 21132200 (200mm) | 420    | 21134000            | 1328   | 21111056     | 786    |
| 63A    | 21111005 | 910    | 21131113 (Red /Yellow)                    | 1124   | 21132320 (320mm) | 656    |                     |        |              |        |

### Accessories for Door mounting

HSN Code: 85381090

| Rating | 4th Pole | LP (₹) | External handle K1 type IP65 | LP (₹) | External handle K1 type IP65 - Quickfix | LP (₹) | Aux Contact NO + NC | LP (₹) | Neutral Pole | LP (₹) |
|--------|----------|--------|------------------------------|--------|-----------------------------------------|--------|---------------------|--------|--------------|--------|
| 32A    | 21111203 | 864    | 21131322 (Blue/Black)        | 494    | 21131332 (Blue/Black)                   | 592    | 21134200            | 940    | 21111256     | 756    |
| 63A    | 21111205 | 958    | 21131323 (Red /Yellow)       |        | 21131333 (Red/Yellow)                   | 632    |                     |        |              |        |

# COMO

## Enclosed Load Break Switches

From 20A to 125A



20, 32, 40 A, 3/4 poles,  
IEC Polycarbonate



32, 63, 80, 100 A, 3/4/6/8 poles,  
IEC Polycarbonate

### Function

COMO are load break switches that will make and break on load and provide isolation for any low voltage electrical circuit. COMO are now available in enclosed version incorporating three, four, six and eight-pole manually operated load break switches.

The new enclosed COMO provide protection against contact with live parts as well as environmental factors such as dust, water and other hazards.

### Advantages

#### Compact design

The enclosed COMO range offers compact enclosures tailored to your needs. The range starts with the 20A enclosure with dimensions of only 64x74.5 mm (2.5x2.93 in).

#### IP65

The IP65 protection degree provides protection against dust and high pressure water jets for any industrial application. Available in IP67 for the enclosed COMO 20A.

#### Safety of operations

Triple locking of the handle in the OFF position to ensure maximum safety for operators during maintenance operations.

#### Wide range

The range offers a wide variety of variants depending on the number of poles, rating and enclosure type.

### Enclosed Load Break Switches for 3 Pole & 4 Pole

HSN Code: 85365010

| 20A                |           |        | 25A       |        | 32A       |        | 40A       |        |
|--------------------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| Pole               | Reference | LP (₹) | Reference | LP (₹) | Reference | LP (₹) | Reference | LP (₹) |
| 3Pole (Yellow/Red) | 21153401  | 3160   | 21153402  | 4188   | 21153403  | 3702   | 21153404  | 4102   |
| 3Pole (Blue/Grey)  | 21153301  | 2986   | 21153302  | 3994   | 21153303  | 4160   | 21153304  | 3836   |
| 4Pole (Yellow/Red) | 21154401  | 3494   | 21154402  | 4952   | 21154403  | 5186   | 21154404  | 4610   |
| 4Pole (Blue/Grey)  | 21154301  | 3352   | 21154302  | 5138   | 21154303  | 5044   | 21154304  | 5492   |

| 63A                |           |        | 80A       |        | 100A      |        | 125A      |        |
|--------------------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| Pole               | Reference | LP (₹) | Reference | LP (₹) | Reference | LP (₹) | Reference | LP (₹) |
| 3Pole (Yellow/Red) | 21153406  | 6364   | 21153408  | 9916   | 21153409  | 14572  | 21153412  | 31634  |
| 3Pole (Blue/Grey)  | 21153306  | 4510   | 21153308  | 9310   | 21153309  | 11796  | 21153312  | 26778  |
| 4Pole (Yellow/Red) | 21154406  | 8238   | 21154408  | 11030  | 21154409  | 14344  | 21154412  | 29068  |
| 4Pole (Blue/Grey)  | 21154306  | 8440   | 21154308  | 10882  | 21154309  | 14068  | 21154312  | 33322  |



# When **energy** matters



**SIRCO**  
Direct Handle



**SIRCO**  
External Handle

## **SIRCO**

Load break and isolation switches  
from 63A to 5000A



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## A complete range for protection and security of your AC LV installations

- SIRCO are manually operated 3 and 4 pole load break and isolation switch rated from 63A to 5000A at 415 VAC heavy duty applications up to AC 23 A utilization category.
- It is a multipolar switch that make and break under full load and provide safety isolation in compliance with IS/ IEC 60947-3.
- Double positive break indication given through a position indication window and by the operating handle.
- Severe utilization categories and high resistance to damp and heat.

# SIRCO

## Load Break and Isolation Switches

From 63A to 5000A



**SIRCO**  
Direct Handle



Enclosed Switch



**SIRCO**  
External Handle



Extension Box

### Function

SIRCO are manually operated load break and isolation switches. They make and break under load conditions and provide safe isolation. SIRCO are designed for 415 VAC electrical circuits.

### General characteristics

- Double positive break indication given through a position indication window, located directly on the product, and by the operating handle.
- Severe load duty categories (AC-22 and AC-23).

### Advantages

#### Reliability and performance

The double breaking per pole, achieved through its sliding bar contact system, is a proven design that offers very high durability and short-circuit withstand. It provides an improved breaking performance with quick opening and rapid closure.

#### Safety of property and personnel

The position indicator is located directly on the sliding bar contact mechanism, ensuring it can be seen in all circumstances. The use of glass fibre reinforced polyester gives the SIRCO both high mechanical and thermal resistance.

#### Simplicity

The SIRCO range is available as a kit with direct or external handles or as a bare switch product. It includes a wide choice of common accessories that enable:

- Simple installation.
- Reduced stock management and storage costs.

#### Easy to install

The design of external contacts enables an easy connection thanks to:

- Low profile,
- Wide terminals,
- Spreader accessories which facilitate connections with larger cables, up to 1250A.

**SIRCO - 3 Pole**
**HSN Code: 85365010**

 Conforms to IS/IEC 60947-3 up to AC23A<sup>1</sup>, Front operated, 415 V, 50 Hz

| Solution                        |                      |       | OPEN EXECUTION                                                                    |        |                                                                                                           |        | ENCLOSED SOLUTION                                                                                             |        |                                                                                     |        |
|---------------------------------|----------------------|-------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|--------|
|                                 |                      |       | KIT Type 1                                                                        |        | KIT Type 2                                                                                                |        | Enclosed Switch                                                                                               |        | Extension Box                                                                       |        |
| Standard Configuration Includes |                      |       |  |        |                          |        |                             |        |  |        |
|                                 |                      |       | - Switch<br>- Interphase barriers from frame B3 and above<br>- Direct Handle      |        | - Switch<br>- Interphase barriers from frame B3 and above<br>- External Handle<br>- Extension Shaft 200mm |        | - Enclosure Switch<br>- Interphase barriers from frame B3 and above<br>- External Handle<br>- Extension Shaft |        | - Suitable for Top or Bottom Assembly (Price is for 1 number of extension box)      |        |
| Frame                           | Rating               | Poles | Reference                                                                         | LP (₹) | Reference                                                                                                 | LP (₹) | Reference                                                                                                     | LP (₹) | Reference                                                                           | LP (₹) |
| B3                              | 125A                 | 3P    | 26K13012A                                                                         | 9348   | 26K23012A                                                                                                 | 10966  | 26E13012A                                                                                                     | 22948  | 26E10002A                                                                           | 3124   |
|                                 | 160A                 |       | 26K13016A                                                                         | 11174  | 26K23016A                                                                                                 | 11456  | 26E13016A                                                                                                     | 23254  |                                                                                     |        |
|                                 | 200A CD              |       | 26K13019A                                                                         | 14226  | 26K23019A                                                                                                 | 13416  | 26E13019A                                                                                                     | 23542  |                                                                                     |        |
| B4                              | 200A                 |       | 26K13020A                                                                         | 14292  | 26K23020A                                                                                                 | 14468  | 26E13020A                                                                                                     | 26306  | 26E10003A                                                                           | 4826   |
|                                 | 250A                 |       | 26K13025A                                                                         | 15812  | 26K23025A                                                                                                 | 16658  | 26E13025A                                                                                                     | 27540  |                                                                                     |        |
|                                 | 315A CD              |       | 26K13030A                                                                         | 20516  | 26K23030A                                                                                                 | 20732  | 26E13030A                                                                                                     | 29030  |                                                                                     |        |
|                                 | 400A CD              |       | 26K13039A                                                                         | 21536  | 26K23039A                                                                                                 | 21632  | 26E13039A                                                                                                     | 30692  |                                                                                     |        |
| B5                              | 315A                 |       | 26K13031A                                                                         | 27690  | -                                                                                                         | -      | -                                                                                                             | -      | 26E10004A                                                                           | 6142   |
|                                 | 400A                 |       | 26K13040A                                                                         | 28840  | 26K23040A                                                                                                 | 29030  | 26E13040A                                                                                                     | 53558  |                                                                                     |        |
|                                 | 500A                 |       | 26K13050A                                                                         | 29962  | 26K23050A                                                                                                 | 31116  | 26E13050A                                                                                                     | 58592  |                                                                                     |        |
|                                 | 630A                 |       | 26K13063A                                                                         | 30420  | 26K23063A                                                                                                 | 32178  | 26E13063A                                                                                                     | 60814  |                                                                                     |        |
|                                 | 800A CD <sup>#</sup> |       | 26K13079A                                                                         | 36952  | 26K23079A                                                                                                 | 39974  | -                                                                                                             | -      | -                                                                                   | -      |
| B6                              | 1000A                |       | 26K13100A                                                                         | 74800  | 26K23100A                                                                                                 | 78240  | 26E13100A                                                                                                     | 113500 | 26E10006A                                                                           | 18084  |
|                                 | 1250A CD             |       | 26K13124A                                                                         | 85464  | 26K23124A                                                                                                 | 109968 | -                                                                                                             | -      | -                                                                                   | -      |
| B7                              | 1250A                |       | 26K13125A                                                                         | 88800  | 26K23125A                                                                                                 | 111064 | 26E13125A                                                                                                     | 138676 | 26E10007A                                                                           | 22910  |
|                                 | 1600A                |       | 26K13160A                                                                         | 130784 | 26K23160A                                                                                                 | 132418 | 26E13160A                                                                                                     | 173320 |                                                                                     |        |
|                                 | 1800A                |       | 26K13180A                                                                         | 137972 | 26K23180A                                                                                                 | 140320 |                                                                                                               |        |                                                                                     |        |
| B8                              | 2000A                |       | 26K13200A                                                                         | 190842 | 26K23200A                                                                                                 | 235460 |                                                                                                               |        | -                                                                                   | -      |
|                                 | 2500A                |       | 26K13250A                                                                         | 214618 | 26K23250A                                                                                                 | 238568 | -                                                                                                             | -      |                                                                                     |        |
|                                 | 3200A                |       | 26K13320A                                                                         | 287302 | 26K23320A                                                                                                 | 303276 |                                                                                                               |        |                                                                                     |        |

CD - Compact design

1) Please refer technical literature for exact technical characteristics

# Rating 800A is also available in B6 Frame

### SIRCO - 4 Pole

HSN Code: 85365010

Conforms to IS/IEC 60947-3 up to AC23A<sup>1</sup>, Front operated, 415 V, 50 Hz

| Solution                        |          |       | OPEN EXECUTION                                                                                                                         |        |                                                                                                                                                                          |        | ENCLOSED SOLUTION                                                                                                                                                            |        |                                                                                                                                |        |
|---------------------------------|----------|-------|----------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------|--------|
|                                 |          |       | KIT Type 1                                                                                                                             |        | KIT Type 2                                                                                                                                                               |        | Enclosed Switch                                                                                                                                                              |        | Extension Box                                                                                                                  |        |
| Standard Configuration Includes |          |       |                                                       |        |                                                                                         |        |                                                                                            |        |                                             |        |
|                                 |          |       | <ul style="list-style-type: none"><li>- Switch</li><li>- Interphase barriers from frame B3 and above</li><li>- Direct Handle</li></ul> |        | <ul style="list-style-type: none"><li>- Switch</li><li>- Interphase barriers from frame B3 and above</li><li>- External Handle</li><li>- Extension Shaft 200mm</li></ul> |        | <ul style="list-style-type: none"><li>- Enclosure Switch</li><li>- Interphase barriers from frame B3 and above</li><li>- External Handle</li><li>- Extension Shaft</li></ul> |        | <ul style="list-style-type: none"><li>- Suitable for Top or Bottom Assembly (Price is for 1 number of extension box)</li></ul> |        |
| Frame                           | Rating   | Poles | Reference                                                                                                                              | LP (₹) | Reference                                                                                                                                                                | LP (₹) | Reference                                                                                                                                                                    | LP (₹) | Reference                                                                                                                      | LP (₹) |
| B2*                             | 63A      | 4P    | 26K14006A                                                                                                                              | 5222   | 26K24006A                                                                                                                                                                | 5488   | 26E14006A                                                                                                                                                                    | 9708   | 26E10001A                                                                                                                      | 1834   |
|                                 | 100A     |       | 26K14010A                                                                                                                              | 8594   | 26K24010A                                                                                                                                                                | 8920   | 26E14010A                                                                                                                                                                    | 12272  |                                                                                                                                |        |
|                                 | 125A CD# |       | 26K14011A                                                                                                                              | 9012   | 26K24011A                                                                                                                                                                | 9694   | 26E14011A                                                                                                                                                                    | 12568  |                                                                                                                                |        |
| B3                              | 160A     |       | 26K14016A                                                                                                                              | 12594  | 26K24016A                                                                                                                                                                | 13468  | 26E14016A                                                                                                                                                                    | 20872  | 26E10002A                                                                                                                      | 3124   |
|                                 | 200A CD  |       | 26K14019A                                                                                                                              | 13660  | 26K24019A                                                                                                                                                                | 13956  | 26E14019A                                                                                                                                                                    | 21442  |                                                                                                                                |        |
| B4                              | 200A     |       | 26K14020A                                                                                                                              | 14312  | 26K24020A                                                                                                                                                                | 15186  | 26E14020A                                                                                                                                                                    | 28844  | 26E10003A                                                                                                                      | 4826   |
|                                 | 250A     |       | 26K14025A                                                                                                                              | 18604  | 26K24025A                                                                                                                                                                | 19478  | 26E14025A                                                                                                                                                                    | 28888  |                                                                                                                                |        |
|                                 | 315A CD  |       | 26K14030A                                                                                                                              | 19570  | 26K24030A                                                                                                                                                                | 19614  | 26E14030A                                                                                                                                                                    | 30872  |                                                                                                                                |        |
|                                 | 400A CD  |       | 26K14039A                                                                                                                              | 24324  | 26K24039A                                                                                                                                                                | 24780  | 26E14039A                                                                                                                                                                    | 36476  |                                                                                                                                |        |
| B5                              | 315A     |       | 26K14031A                                                                                                                              | 25562  | 26K24031A                                                                                                                                                                | 28250  | 26E14031A                                                                                                                                                                    | 42916  | 26E10004A                                                                                                                      | 6142   |
|                                 | 400A     |       | 26K14040A                                                                                                                              | 29916  | 26K24040A                                                                                                                                                                | 30856  | 26E14040A                                                                                                                                                                    | 44642  |                                                                                                                                |        |
|                                 | 500A     |       | 26K14050A                                                                                                                              | 34274  | 26K24050A                                                                                                                                                                | 36300  | 26E14050A                                                                                                                                                                    | 56970  |                                                                                                                                |        |
|                                 | 630A     |       | 26K14063A                                                                                                                              | 34444  | 26K24063A                                                                                                                                                                | 36382  | 26E14063A                                                                                                                                                                    | 57558  |                                                                                                                                |        |
|                                 | 800A CD# |       | 26K14079A                                                                                                                              | 43474  | 26K24079A                                                                                                                                                                | 45062  | -                                                                                                                                                                            | -      |                                                                                                                                |        |
| B6                              | 1000A    |       | 26K14100A                                                                                                                              | 84422  | 26K24100A                                                                                                                                                                | 85208  | 26E14100A                                                                                                                                                                    | 129578 | 26E10006A                                                                                                                      | 18084  |
|                                 | 1250A CD |       | 26K14124A                                                                                                                              | 100536 | 26K24124A                                                                                                                                                                | 101248 | -                                                                                                                                                                            | -      | -                                                                                                                              | -      |
| B7                              | 1250A    |       | 26K14125A                                                                                                                              | 104464 | 26K24125A                                                                                                                                                                | 114448 | 26E14125A                                                                                                                                                                    | 161114 | 26E10007A                                                                                                                      | 22910  |
|                                 | 1600A    |       | 26K14160A                                                                                                                              | 153864 | 26K24160A                                                                                                                                                                | 154894 | 26E14160A                                                                                                                                                                    | 199696 |                                                                                                                                |        |
|                                 | 1800A    |       | 26K14180A                                                                                                                              | 162314 | 26K24180A                                                                                                                                                                | 170424 | -                                                                                                                                                                            | -      |                                                                                                                                |        |
| B8                              | 2000A    |       | 26K14200A                                                                                                                              | 210844 | 26K24200A                                                                                                                                                                | 245400 | -                                                                                                                                                                            | -      | -                                                                                                                              | -      |
|                                 | 2500A    |       | 26K14250A                                                                                                                              | 252002 | 26K24250A                                                                                                                                                                | 253980 | -                                                                                                                                                                            | -      |                                                                                                                                |        |
|                                 | 3200A    |       | 26K14320A                                                                                                                              | 338004 | 26K24320A                                                                                                                                                                | 354700 | -                                                                                                                                                                            | -      |                                                                                                                                |        |

CD - Compact design

1) Please refer technical literature for exact technical characteristics | \* Phase Barrier & Shaft is not available in frame B2

# Rating 125A & 800A are also available in B3 and B6 Frame respectively

# SIRCO Accessories

Load Break and Isolation Switches

From 63A to 5000A

## SIRCO Accessories - 3 Pole & 4 Pole

HSN Code: 85381090



| Frame | Direct Handle | LP (₹) | External Handle | LP (₹) | Shaft 200mm | LP (₹) | Shaft 250mm | LP (₹) | Shaft 320mm | LP (₹) |
|-------|---------------|--------|-----------------|--------|-------------|--------|-------------|--------|-------------|--------|
| B2    | 42990001A     | 720    | -               | -      | -           | -      | -           | -      | -           | -      |
| B3    | 26995042A     | 630    | 14212111A       | 2012   | 14001020A   | 700    | 14001025A   | 1052   | 14001032A   | 1308   |
| B4    | 26995052A     | 1136   | 14212111A       | 2012   | 14001020A   | 700    | 14001025A   | 1052   | 14001032A   | 1308   |
| B5    | 26995052A     | 1136   | 14212111A       | 2012   | 14001020A   | 700    | 14001025A   | 1052   | 14001032A   | 1308   |
| B6*   | 27997012A     | 4542   | 14433111A       | 3130   | 14011520A   | 1794   | -           | -      | 14011532A   | 4888   |
| B7*   | 27997012A     | 4542   | 14433111A       | 3130   | 14011520A   | 1794   | -           | -      | 14011532A   | 4888   |
| B8*   | 27997012A     | 4542   | 14538111A       | 37750  | 27993015A   | 10070  | -           | -      | 27993018A   | 10574  |

\* Handle for frames B6 to B8 are double arms handle



| Frame | Interphase barrier - 3P | LP (₹) | Interphase barrier - 4P | LP (₹) |
|-------|-------------------------|--------|-------------------------|--------|
| B2    | -                       | -      | -                       | -      |
| B3    | 29985033A               | 334    | 29985034A               | 456    |
| B4    | 29985023A               | 378    | 29985024A               | 578    |
| B5    | 29985013A               | 526    | 29985014A               | 780    |
| B6    | -                       | -      | -                       | -      |
| B7    | -                       | -      | -                       | -      |

| Frame | 1st Aux Contact (1 NO/NC) | LP (₹) | 2nd Aux Contact (1 NO/NC) | LP (₹) |
|-------|---------------------------|--------|---------------------------|--------|
| B2    | 26091020A                 | 466    | 26092020A                 | 672    |
| B3    | 26990031A                 | 872    | 26990032A                 | 902    |
| B4    | 26990031A                 | 872    | 26990032A                 | 902    |
| B5    | 26990031A                 | 872    | 26990032A                 | 902    |
| B6*   | 26990031A                 | 872    | 26990032A                 | 902    |
| B7*   | 26990031A                 | 872    | 26990032A                 | 902    |
| B8*   | 26990031A                 | 872    | 26990032A                 | 902    |



| Frame | Terminal Shroud - 3P | LP (₹) | Terminal Shroud - 4P | LP (₹) | Terminal Screen Standard - 3P | LP (₹) | Terminal Screen Standard - 4P | LP (₹) |
|-------|----------------------|--------|----------------------|--------|-------------------------------|--------|-------------------------------|--------|
| B2    | -                    | -      | 29944008A            | 578    | -                             | -      | -                             | -      |
| B3    | 26943014A            | 1216   | 26944014A            | 1358   | 26983012A                     | 1512   | 26984012A                     | 1580   |
| B4    | 26943021A            | 1358   | 26944021A            | 1548   | 26983020A                     | 1512   | 26984020A                     | 1580   |
| B5    | 26943051A            | 2164   | 26944051A            | 2432   | 26983050A                     | 1808   | 26984050A                     | 2478   |
| B6    | -                    | -      | -                    | -      | 26983080A                     | 2636   | 26984080A                     | 3488   |
| B7    | -                    | -      | -                    | -      | 26983120A                     | 3876   | 26984120A                     | 4396   |
| B8    | -                    | -      | -                    | -      | 26983200A                     | 6658   | 26984200A                     | 7540   |



| Frame | Terminal Screen Wide - Top - 3P | LP (₹) | Terminal Screen Wide - Bottom - 3P | LP (₹) | Terminal Screen wide Top/Bottom - 4P | LP (₹) |
|-------|---------------------------------|--------|------------------------------------|--------|--------------------------------------|--------|
| B3    | 26983013A                       | 1156   | 26988013A                          | 1156   | 26984013A                            | 1306   |
| B4    | 26983021A                       | 1156   | 26988021A                          | 1156   | 26984021A                            | 1306   |
| B5    | 26983051A                       | 1484   | 26988051A                          | 1484   | 26984051A                            | 1676   |

# SIRCO PV IEC 60947-3

Load Break Switches for Photovoltaic Applications  
from 100A to 3200A, up to 1500 VDC



SIRCO PV 2, 3, 4 Pole

## Functions

SIRCO PV are manually operated load break switches, making and breaking capacity under load conditions up to 1500 VDC.

These extremely durable switches have been tested and approved for use in the most demanding applications. They have been designed and tested for all types of applications: grounded, floating or bipolar.

## General characteristics

- Patented switching technology up to 500 VDC/pole.
- Positive indication.
- Up to 1500 VDC according to IEC 60947-3.

## Advantages

### Optimise your investment

- Thanks to a reduced number of bridging bars, you can limit your costs and save mounting time.

### High quality materials

SIRCO PV is an extremely robust device in a glass fibre reinforced polyester frame. This material provides:

- high mechanical strength,
- stability to temperature variations (RTI of 130°C),
- high dielectric strength (high CTI/tested as per standard ASTM D 2303).

### Take advantage of an innovative design

The SIRCO PV can be directly connected up to four independent PV panel strings. The global solution cost is therefore reduced in comparison with the use of four distinct switches.

### Reliability and performance

Our range of SIRCO PV load break switches is compliant to standards UL98B and IEC 60947-3. SIRCO PV have been tested to critical currents and at a 10 kA short-circuit during 50 ms without specific protection.

## SIRCO PV - 2 Pole, 3 Pole & 4 Pole

HSN Code (2P, 4P): 85365010 | HSN Code (3P): 85353090

| Kit Type 1 with Direct Handle |           |            |                  |            |                  |            | Kit Type 2 with External Handle |            |                  |            |                  |            |
|-------------------------------|-----------|------------|------------------|------------|------------------|------------|---------------------------------|------------|------------------|------------|------------------|------------|
| 2 Pole 1000 V dc              |           |            | 3 Pole 1500 V dc |            | 4 Pole 1000 V dc |            | 2 Pole 1000 V dc                |            | 3 Pole 1500 V dc |            | 4 Pole 1000 V dc |            |
| Rating                        | Reference | LP (₹)     | Reference        | LP (₹)     | Reference        | LP (₹)     | Reference                       | LP (₹)     | Reference        | LP (₹)     | Reference        | LP (₹)     |
| 100A                          | 26P12010  | On Request | -                | -          | -                | -          | 26P22010                        | On Request | -                | -          | -                | -          |
| 160A                          | 26P12016  | On Request | 26P13015A        | On Request | -                | -          | 26P22016                        | On Request | 26P23015A        | On Request | -                | -          |
| 250A                          | 26P12025  | On Request | 26P13024A        | On Request | 26P14025         | On Request | 26P22025                        | On Request | 26P23024A        | On Request | 26P24025         | On Request |
| 315A                          | 26P12031  | On Request | 26P13030A        | On Request | 26P14031         | On Request | 26P22031                        | On Request | 26P23030A        | On Request | 26P24031         | On Request |
| 400A                          | 26P12039  | On Request | 26P13039A        | On Request | 26P14040         | On Request | 26P22039                        | On Request | 26P23039A        | On Request | 26P24040         | On Request |
| 500 A                         | -         | -          | 26P13049A        | On Request | 26P14050         | On Request | -                               | -          | 26P23049A        | On Request | 26P24050         | On Request |
| 630A                          | -         | -          | -                | -          | 26P14063         | On Request | -                               | -          | -                | -          | 26P24063         | On Request |
| 800 A                         | -         | -          | -                | -          | 26P14080         | On Request | -                               | -          | -                | -          | 26P24080         | On Request |

For enquiries >800 A, please contact our regional sales representatives.

# Safety Enclosure

## Local Visible Cut-off Switches for the Heavy Industries

From 50A to 630A



Safety Enclosures

### Functions

A visible cut-off switch shall be installed on the power cable to each motor for:

- Locking out the motor for maintenance (safety isolation).
- Controlling the motor locally for maintenance purposes.
- Emergency stop and emergency shut-down (on load break).

SOCOMECEC visible cut-off switch ensures a safe and fast maintenance as it prevents from entering the electrical substations to cut-off the power. In order to reduce the level of hazard during motor lock-out, the safety switch must be installed as closed as possible from the motor.

**Locking out operation can be carried by a non-electrical person.**

### Advantages

#### Easy to Install

Secure connections and commissioning due to a well equipped enclosure.

#### Built for Lasting

Equipped with high standard material SOCOMECEC safety enclosure can resist in harsh environment.

### Designed for Safety

Thanks to the dedicated cut-off equipment, the user can operate the equipment quickly and safely.

### Safety Enclosure, IP55 design, for Copper Cable

HSN Code: 85365010

| Rating | Reference <sup>(1)</sup> | LP (₹)     | Reference <sup>(2)</sup> | LP (₹)     | Reference <sup>(3)</sup> | LP (₹)     | Reference <sup>(4)</sup> | LP (₹)     |
|--------|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|
| 50 A   | 32AS3005                 | On Request | 32AS3105                 | On Request | 32AS3205                 | On Request | 32AS3305                 | On Request |
| 80 A   | 32AS3008                 | On Request | 32AS3108                 | On Request | 32AS3208                 | On Request | 32AS3308                 | On Request |
| 125 A  | 32AS3012                 | On Request | 32AS3112                 | On Request | 32AS3212                 | On Request | 32AS3312                 | On Request |
| 200 A  | 32AS3020                 | On Request | 32AS3120                 | On Request | 32AS3220                 | On Request | 32AS3320                 | On Request |
| 400 A  | 32AS3040                 | On Request | 32AS3140                 | On Request | 32AS3240                 | On Request | 32AS3340                 | On Request |
| 630 A  | 32AS3063                 | On Request | 32AS3163                 | On Request | 32AS3263                 | On Request | 32AS3363                 | On Request |

### Safety Enclosure, IP65 design, for Aluminium Cable

HSN Code: 85365010

| Rating | Reference <sup>(1)</sup> | LP (₹)     | Reference <sup>(2)</sup> | LP (₹)     | Reference <sup>(3)</sup> | LP (₹)     | Reference <sup>(4)</sup> | LP (₹)     |
|--------|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|
| 50 A   | 34AA3005-HC              | On Request | 34AA3105-HC              | On Request | 34AA3205-HC              | On Request | 34AA3305-HC              | On Request |
| 80 A   | 34AA3008-HC              | On Request | 34AA3108-HC              | On Request | 34AA3208-HC              | On Request | 34AA3308-HC              | On Request |
| 125 A  | 34AA3012-HC              | On Request | 34AA3112-HC              | On Request | 34AA3212-HC              | On Request | 34AA3312-HC              | On Request |
| 200 A  | 34AA3020-HC              | On Request | 34AA3120-HC              | On Request | 34AA3220-HC              | On Request | 34AA3320-HC              | On Request |
| 400 A  | 34AA3040-HC              | On Request | 34AA3140-HC              | On Request | 34AA3240-HC              | On Request | 34AA3340-HC              | On Request |
| 630 A  | 34AA3063-HC              | On Request | 34AA3163-HC              | On Request | 34AA3263-HC              | On Request | 34AA3363-HC              | On Request |

(1) Package: 0 push button; 0 auxiliary contacts.

(2) 1 way: 1 ON and 1 OFF push buttons; 2 NO/NC pre-cut off auxiliary contacts.

(3) 2 way: 2 ON and 1 OFF push buttons; 2 NO/NC pre-cut off auxiliary contacts.

(4) VSD: Variable Speed Drive, 1 ON, 1 OFF and 2 +&- speed push buttons; 2 NO/NC pre-cut off auxiliary contacts.



# When **energy** matters

## A complete solution for switching and protection line dedicated for ESS applications



**SIRCO DC / SIRCO DC ESS**  
from 2000 to 3600 A,  
up to 1500 VDC

- Innovative design
- Robust made with high quality materials
- Reliability and Premium performance for energy storage
- Fully tested and certified

**FP ESS**  
Ranging from 160 to 3000A



Scan to know more

# SIRCO MOT DC/SIRCO MOT DC ESS

## Motorised load break switches for DC applications

From 250 to 3600 A, up to 1500 VDC



**SIRCO MOT DC**  
4x2000A

### Advantages

#### High performance switching

SIRCO MOT DC and SIRCO MOT DC ESS motorised load break switches incorporate patented technology, providing a breaking capacity at 1500 VDC with just 2 poles, significantly limiting power dissipation. This broad range covers ratings from 250 to 3600 A, 1500 VDC.

#### Application tested design

Designed and tested for several DC applications, with proven performance in the harshest of environments. The arc extinguishing system provides safe disconnection, rapid arc extinguishing and current interruption.

- Tested against high short circuit systems with and without fuse protection to ensure complete system protection above 210 kA.
- Proven against severe environmental factors including: "Annex Q level C according to IEC" salt spray tested, high temperature and altitude, humidity cycle tested.

### Function

SIRCO MOT DC and SIRCO MOT DC ESS motorised load break switches incorporate patented technology, providing a breaking capacity at 1500 VDC with just 2 poles, significantly limiting power dissipation. This broad range covers ratings from 250 to 3600 A, 1500 VDC.

### General characteristics

- Up to 1500 VDC from 250 to 3600 A.
- Patented switching technology up to 1500 VDC in 2 poles.
- Remotely operated product (motor control).
- 2 stable positions (I, 0).
- High short-circuit option available.

### Reduced total cost of ownership

Developed with user cost savings in mind, the product features improvements which ensure a lower total cost of ownership.

- Flexible wiring configurations allow for simple in and out wiring, and by not using series bridging bars, cost savings can be achieved.
- Multiple circuit design allows for configurations of one 3600A or two 1600A circuits for greater flexibility.
- One design for both IEC and UL products providing the same base design for customers with IEC or UL machines.
- Compact solution with reduced footprint and weight improves sustainability with reduced packaging, transportation and installation costs.

**For more details about SIRCO MOT for DC applications, please contact our sales representatives.**

# SIRCO DC / SIRCO DC ESS

## Load Break Switches for Direct Current Applications

from 2000 to 3600 A, up to 1500 VDC



SIRCO DC

### Functions

SIRCO DC and SIRCO DC ESS units are manual control multipolar load break switches.

They provide make and break on-load and safety disconnection for all low voltage electrical circuits for direct current applications up to 1500 VDC.

### General characteristics

- Up to 1500 VDC, 2000 to 3600 A.
- Patented switching technology up to 1500 VDC on 2 poles.
- High short-circuit option available.

### Advantages

#### High-performance switching

SIRCO DC and SIRCO DC ESS load break switches include a patented technology providing 1500 VDC breaking capacity with only 2 poles, with significant power loss reduction. This range covers nominal values from 2000 to 3600 A, 1500 VDC.

#### Design tested in application

Designed and tested for numerous direct current applications, with tried-and-tested performance in the most difficult environments.

The arc quenching system provides safe disconnection, arc quenching and quick current interruption.

- Tested against high short-circuit systems with and without fuse protection to provide complete protection for the system above 210 kA.
- Tried-and-tested against severe environmental factors, in particular: "Annex Q level C according to IEC" tested in salt mist, at high temperature and altitude, tested in humidity cycle. ASTM D 2303.

#### Reduced total cost of ownership

Developed with a view to reducing costs for the user, the product has improvements that ensure the lowest total cost of ownership.

- Flexible connection configurations enable simple input and output connection, with savings made by not using bridging bars in series.
- The multi-circuit design enables configuration of one 3600 A circuit or two 1600 A circuits for greater flexibility.
- A single design for IEC and UL products provides the same base design for customers with IEC or UL machines.
- A compact solution with reduced footprint and weight improves the durability, while reducing packaging, transport and installation costs.

**For more details about SIRCO PV and INOSYS for DC applications, please contact our sales representatives.**

# When **energy** matters



**INOSYS LBS DC**

## **INOSYS LBS DC**

Load break switches for DC and PV applications from 160 to 1600 A, up to 2000 VDC



Scan to know more

## High-performance power switching in confined spaces

- INOSYS LBS load break switches incorporate patented technology that provides a breaking capacity of 750 VDC per pole, providing 1500 VDC in just 2 poles, significantly limiting power dissipation. All in a compact device.
- Also available in 2000 VDC in 3 or 4 pole configurations. The upgrade from 1500 VDC to 2000 VDC allows load break switches to handle higher voltage applications and provide more power.

# INOSYS LBS DC

Load break switches for DC and PV applications  
from 160 to 1600 A, up to 2000 VDC



INOSYS LBS DC

## Functions

INOSYS LBS is a range of manual operation load break switches. These switches can be operated manually using the handle to disconnect all or part of the electrical installation. They make and break under load conditions and provide safe disconnection of any low voltage electrical circuit up to 2000 VDC.

They can also be used for emergency switching applications. They are the first load break switches on the market capable of supporting 2000 VDC.

## Advantages

- High-performance power switching in confined spaces
- Safe and reliable operation
- Modular solution for flexible configuration
- Simple installation
- Designed for harsh environments

### Inosys 1500 V DC - Side Mechanism

| Frame | Rating | Poles              | Reference | LP (₹)     |
|-------|--------|--------------------|-----------|------------|
| F2    | 160A   | 2P<br>(1 P+, 1 P-) | 86P0 2017 | On Request |
|       | 250A   |                    | 86P0 2026 |            |
|       | 315A   |                    | 86P0 2032 |            |
|       | 400A   |                    | 86P0 2042 |            |
| F3    | 400A   | 4P<br>(2P // 2P)   | 86P0 2041 |            |
|       | 500A   |                    | 86P0 2051 |            |
|       | 630A   |                    | 86P0 2064 |            |
|       | 800A   |                    | 86P2 2081 |            |
|       | 1000A  |                    | 86P2 2100 |            |
|       | 1250A  |                    | 86P2 2125 |            |
|       | 1400A  |                    | 86P2 2140 |            |
|       | 1600A  |                    | 86P2 2160 |            |

### Inosys 1500 V DC - Center Mechanism

| Frame | Rating | Poles              | Reference               | LP (₹)     |
|-------|--------|--------------------|-------------------------|------------|
| F2    | 160A   | 2P<br>(1 P+, 1 P-) | 86P11017 <sup>(2)</sup> | On Request |
|       | 250A   |                    | 86P11026 <sup>(2)</sup> |            |
|       | 315A   |                    | 86P11032 <sup>(2)</sup> |            |
|       | 400A   |                    | 86P11042 <sup>(2)</sup> |            |
| F3    | 400A   |                    | 86P11041 <sup>(2)</sup> |            |
|       | 500A   |                    | 86P11051 <sup>(2)</sup> |            |
|       | 630A   |                    | 86P11064 <sup>(2)</sup> |            |

### Inosys 1500 V DC - 2 Circuit

| Frame | Rating | Poles              | Reference               | LP (₹) |
|-------|--------|--------------------|-------------------------|--------|
| F3    | 400A   | 2P<br>(1 P+, 1 P-) | 86P22041 <sup>(2)</sup> |        |
|       | 500A   |                    | 86P22051 <sup>(2)</sup> |        |
|       | 630A   |                    | 86P22064 <sup>(2)</sup> |        |

### Inosys 2000 V DC - 3 Pole

| Frame | Rating | Poles            | Reference | LP (₹)     |
|-------|--------|------------------|-----------|------------|
| F3    | 400A   | 3P<br>(2P+, 1P-) | 88P12041  | On Request |
|       | 500A   |                  | 88P12051  |            |
|       | 630A   |                  | 88P1 2064 |            |

### Inosys 2000 V DC - 4 Pole

| Frame | Rating | Poles            | Reference               | LP (₹)     |
|-------|--------|------------------|-------------------------|------------|
| F3    | 400A   | 4P<br>(2P+, 2P-) | 88P22041 <sup>(2)</sup> | On Request |
|       | 500A   |                  | 88P22051 <sup>(2)</sup> |            |
|       | 630A   |                  | 88P22064 <sup>(2)</sup> |            |

\*For accessories please contact our sales representatives.

# FP ESS

## Fuses for Energy Storage Systems

from 160 to 3000 A, up to 1500 VDC



### Function

FP ESS fuses are designed specifically for DC networks with high voltage and short circuit levels. They perfectly meet the requirements of energy storage applications and ensure optimal protection of battery racks and battery connection panel (BCP) against short circuits and overloads.

### General characteristics

- Premium performance for Energy Storage
- A range for a multitude of designs
- Certified coordination

### Advantages

#### Premium performance for energy storage

FP ESS fuses have been specially developed to meet the requirements of Energy Storage applications:

- They are sized for installations with potential short-circuit currents of up to 250 kA and continuous voltages of up to 1500 VDC,
- These fuses offer increased reliability, ensuring consistent performance over time. their silver-based composition protects them from premature ageing, making them perfectly suited to the cyclic operations characteristic of energy storage application.

#### A range for a multitude of designs

The FP ESS fuse range covers requirements from 160 to 3000 A, several mounting types and complies with UL, CSA and IEC standards. Combined with the advice of our experts, manufacturers are guaranteed to find the most suitable technical solution by limiting the energy transmitted to the Energy Storage system as much as possible in the event of a fault.

#### Certified coordination

Combining load break switches with FP ESS fuses enables us to surpass industry standards for protection and safety. Socomec conducts rigorous real-world testing on this combination to push the boundaries of performance and safety even further.

### FP ESS - Frame 2

| Rating | Reference |          |          | Standard Package Quantity | LP (₹)     |
|--------|-----------|----------|----------|---------------------------|------------|
|        | DIN       | Bolted   | Flush    |                           |            |
| 160A   | 61S12016  | 61S22016 | 61S32016 | 8                         | On Request |
| 200A   | 61S12020  | 61S22020 | 61S32020 | 8                         |            |
| 250A   | 61S12025  | 61S22025 | 61S32025 | 8                         |            |
| 280A   | 61S12028  | 61S22028 | 61S32028 | 8                         |            |
| 315A   | 61S12032  | 61S22032 | 61S32032 | 8                         |            |
| 350A   | 61S12035  | 61S22035 | 61S22035 | 8                         |            |
| 400A   | 61S12040  | 61S22040 | 61S32040 | 8                         |            |
| 450A   | 61S12045  | 61S22045 | 61S32045 | 8                         |            |
| 500A   | 61S13050  | 61S23050 | 61S33050 | 8                         |            |
| 550A   | 61S13055  | 61S23055 | 61S33055 | 8                         |            |
| 630A   | 61S12063  | 61S22063 | 61S32063 | 8                         |            |
| 700A   | 61S12070  | 61S22070 | 61S32070 | 8                         |            |
| 800A   | 61S12080  | 61S22080 | 61S32080 | 8                         |            |

# FP ESS

## Fuses for Energy Storage Systems

from 160 to 3000 A, up to 1500 VDC

### FP ESS - Frame 3

| Rating | Reference |          |          | Standard Package Quantity | LP (₹)     |
|--------|-----------|----------|----------|---------------------------|------------|
|        | DIN       | Bolted   | Flush    |                           |            |
| 315A   | 61S13032  | 61S23032 | 61S32032 | 6                         | On Request |
| 350A   | 61S13035  | 61S23035 | 61S32035 | 6                         |            |
| 400A   | 61S13040  | 61S23040 | 61S32040 | 6                         |            |
| 450A   | 61S13045  | 61S23045 | 61S32045 | 6                         |            |
| 500A   | 61S13050  | 61S23050 | 61S33050 | 6                         |            |
| 550A   | 61S13055  | 61S23055 | 61S33055 | 6                         |            |
| 630A   | 61S13063  | 61S23063 | 61S32063 | 6                         |            |
| 700A   | 61S13070  | 61S23070 | 61S33070 | 6                         |            |
| 800A   | 61S13080  | 61S23080 | 61S32080 | 6                         |            |
| 900A   | 61S13090  | 61S23090 | 61S33090 | 6                         |            |
| 1000A  | 61S13100  | 61S23100 | 61S32063 | 6                         |            |
| 1100A  | 61S13110  | 61S23110 | 61S33110 | 6                         |            |
| 1200A  | 61S13120  | 61S23120 | 61S32080 | 6                         |            |

### FP ESS - Flush Type - Frame 4

| Rating | Reference | Standard Package Quantity | LP (₹)     |
|--------|-----------|---------------------------|------------|
| 630A   | 61S34063  | 2                         | On Request |
| 700A   | 61S34070  | 2                         |            |
| 800A   | 61S34080  | 2                         |            |
| 900A   | 61S34090  | 2                         |            |
| 1000A  | 61S34100  | 2                         |            |
| 1100A  | 61S34110  | 2                         |            |
| 1250A  | 61S34125  | 2                         |            |
| 1500A  | 61S34150  | 2                         |            |
| 1600A  | 61S34160  | 2                         |            |
| 1800A  | 61S34180  | 2                         |            |

### FP ESS - Flush Type - Frame 5

| Rating | Reference | Standard Package Quantity | LP (₹)     |
|--------|-----------|---------------------------|------------|
| 1250A  | 61S3 5125 | 1                         | On Request |
| 1350A  | 61S3 5135 | 1                         |            |
| 1500A  | 61S3 5150 | 1                         |            |
| 1800A  | 61S3 5180 | 1                         |            |
| 2000A  | 61S3 5200 | 1                         |            |
| 2200A  | 61S3 5220 | 1                         |            |
| 2500A  | 61S3 5250 | 1                         |            |
| 2800A  | 61S3 5280 | 1                         |            |
| 3000A  | 61S3 5300 | 1                         |            |

# It's time to Change Over

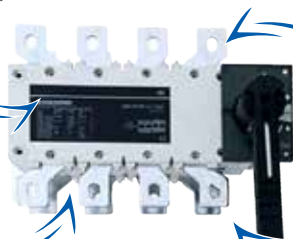


Switch to world leading  
Changeover, switch to

## **SIRCOVER**

High-performance  
switching

IEC  
60947-6-1  
compliant



Ultimate safety

Reliable and robust

### **Are you looking for safe and reliable electrical installation?**

Discover SIRCOVER, the new generation of Changeover. Designed for demanding applications, compliant with IEC 60947-6-1 and IEC/IS 60947-3, they provide ultimate safety and optimum performance.

### **SIRCOVER**

Manually operated transfer switching equipment:

- from 63 to 3200 A, 3 or 4 poles, bare switch or enclosed
- I-O-II, I-I+II-II or bypass



Scan to know more

**socomec**  
Innovative Power Solutions

# SIRCOVER

## Manual Transfer Switching Equipment

From 63A to 3200A



SIRCOVER



Enclosed Switch



SIRCOVER Bypass



Extension Box

### Function

SIRCOVER products are manually operated transfer switches with positive break indication. There are 2 ranges in the series:

- SIRCOVER for open transition switching (I-O-II) available in 4 poles. For applications where both sources are synchronised and there is to be no interruption to the load supply during transfer.
- SIRCOVER Bypass: This combination of three interlocked load break switches provides 3+6 or 4+8 poles for bypass applications.

They provide on-load transfer between two sources for any low voltage power circuit, as well as safety isolation by double breaking per pole. Other applications include source inversion (e.g. to change the direction of a motor) or grounding/earthing.

### Advantages

#### High electrical performance

SIRCOVER is capable of switching all types of loads, without the need for a pre-breaking switch at the upstream. It is also compatible with motor and mixed loads up to utilisation category AC-33 at 415 VAC.

#### Easy to connect

Wider spearhead terminals for better clearance (up to B5 frame) enables easy termination of Aluminium cables / Busbars.

#### Safety of operations

SIRCOVER devices have three stable positions, unaffected by voltage fluctuations and vibrations, protecting your loads from network disturbances.

#### On-load and isolation switching

With its AC-23 and AC-33 characteristics, tested according to standards IEC 60947-3 and IEC 60947-6-1. The SIRCOVER enables safe on-load switching for any type of load. With its on-load transfer capabilities, it is not necessary to isolate loads prior to transfer. Therefore the SIRCOVER offers an economical solution.

#### High level of safety

SIRCOVER is based on a reliable switching mechanism that is fully independent on the user operating speed that includes a fail-safe mechanical interlock for all 3 positions (for I-O-II versions). Moreover they provide I-O-II position indicators directly on the handle and mechanism.

### SIRCOVER - 3 Pole

HSN Code: 85365010

Conforms to IEC 60947-6-1 up to AC33B<sup>1</sup>, IS/IEC 60947-3 up to AC-23A<sup>1</sup>, Front operated 415 V, 50 Hz.

| Solution                        |                     |       | OPEN EXECUTION                                                                                                                                                                            |        |                                                                                                                                                                                                                     |        | ENCLOSED SOLUTION                                                                                                                                                                                                      |        |                                                                                                                                  |        |
|---------------------------------|---------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|--------|
|                                 |                     |       | KIT Type 1                                                                                                                                                                                |        | KIT Type 2                                                                                                                                                                                                          |        | Enclosed Switch                                                                                                                                                                                                        |        | Extension Box                                                                                                                    |        |
| Standard Configuration Includes |                     |       |                                                                                                          |        |                                                                                                                                    |        |                                                                                                                                      |        |                                               |        |
|                                 |                     |       | <ul style="list-style-type: none"> <li>- Transfer switch</li> <li>- Direct handle</li> <li>- Bridging Bars up to 1600 A</li> <li>- Interphase barriers from frame B3 and above</li> </ul> |        | <ul style="list-style-type: none"> <li>- Transfer switch</li> <li>- Bridging Bars up to 1600 A</li> <li>- Extended handle</li> <li>- 200 mm shaft</li> <li>- Interphase barriers from frame B3 and above</li> </ul> |        | <ul style="list-style-type: none"> <li>- Transfer switch</li> <li>- Extended handle</li> <li>- Bridging Bars up to 1600 A</li> <li>- Extension shaft</li> <li>- Interphase barriers from frame B3 and above</li> </ul> |        | <ul style="list-style-type: none"> <li>- Suitable for Top or Bottom Assembly (Price is for 1 number of extension box)</li> </ul> |        |
| Frame                           | Rating              | Poles | Reference                                                                                                                                                                                 | LP (₹) | Reference                                                                                                                                                                                                           | LP (₹) | Reference                                                                                                                                                                                                              | LP (₹) | Reference                                                                                                                        | LP (₹) |
| B3                              | 125A                | 3P    | 41K13013A                                                                                                                                                                                 | 26942  | 41K23013A                                                                                                                                                                                                           | 35772  | 41E13013A                                                                                                                                                                                                              | 38042  | 41E10002A                                                                                                                        | 4996   |
|                                 | 160A                |       | 41K13016A                                                                                                                                                                                 | 30618  | 41K23016A                                                                                                                                                                                                           | 36128  | 41E13016A                                                                                                                                                                                                              | 38950  |                                                                                                                                  |        |
|                                 | 200A                |       | 41K13020A                                                                                                                                                                                 | 32516  | 41K23020A                                                                                                                                                                                                           | 36782  | 41E13020A                                                                                                                                                                                                              | 39866  |                                                                                                                                  |        |
| B4                              | 250A                |       | 41K13025A                                                                                                                                                                                 | 32708  | 41K23025A                                                                                                                                                                                                           | 37198  | 41E13025A                                                                                                                                                                                                              | 40788  | 41E10003A                                                                                                                        | 5118   |
|                                 | 315A                |       | 41K13031A                                                                                                                                                                                 | 33188  | 41K23031A                                                                                                                                                                                                           | 37818  | 41E13031A                                                                                                                                                                                                              | 43404  |                                                                                                                                  |        |
|                                 | 400A                |       | 41K13040A                                                                                                                                                                                 | 48812  | 41K23040A                                                                                                                                                                                                           | 48864  | 41E13040A                                                                                                                                                                                                              | 62332  | 41E10004A                                                                                                                        | 7860   |
| B5                              | 500A                |       | 41K13050A                                                                                                                                                                                 | 72526  | 41K23050A                                                                                                                                                                                                           | 74522  | 41E13050A                                                                                                                                                                                                              | 100866 | 41E10005A                                                                                                                        | 8468   |
|                                 | 630A                |       | 41K13063A                                                                                                                                                                                 | 73138  | 41K23063A                                                                                                                                                                                                           | 76162  | 41E13063A                                                                                                                                                                                                              | 102490 |                                                                                                                                  |        |
|                                 | CD800A <sup>#</sup> |       | 41K13079A                                                                                                                                                                                 | 74476  | 41K23079A                                                                                                                                                                                                           | 79236  | -                                                                                                                                                                                                                      | -      | -                                                                                                                                | -      |
| B6                              | 1000A               |       | 41K13100A                                                                                                                                                                                 | 216164 | 41K23100A                                                                                                                                                                                                           | 241012 | 41E13100A                                                                                                                                                                                                              | 250830 | 41E10006A                                                                                                                        | 17944  |
|                                 | 1250A               |       | 41K13120A                                                                                                                                                                                 | 244584 | 41K23120A                                                                                                                                                                                                           | 248896 | 41E13120A                                                                                                                                                                                                              | 264404 |                                                                                                                                  |        |
| B7                              | 1600A               |       | 41K13160A                                                                                                                                                                                 | 303536 | 41K23160A                                                                                                                                                                                                           | 330392 | 41E13160A                                                                                                                                                                                                              | 386996 | 41E10007A                                                                                                                        | 58948  |
| B8                              | 2000A               |       | 41K13200A                                                                                                                                                                                 | 389262 | 41K23200A                                                                                                                                                                                                           | 415242 | 41E13200A                                                                                                                                                                                                              | 462468 | 41E10008A                                                                                                                        | 75878  |
|                                 | 2500A               |       | 41K13250A                                                                                                                                                                                 | 461688 | 41K23250A                                                                                                                                                                                                           | 477352 | 41E13250A                                                                                                                                                                                                              | 563888 |                                                                                                                                  |        |
|                                 | 3200A               |       | 41K13320A                                                                                                                                                                                 | 632432 | 41K23320A                                                                                                                                                                                                           | 635764 | 41E13320A                                                                                                                                                                                                              | 804956 |                                                                                                                                  |        |

CD - Compact Design

1) Please refer technical literature for exact technical characteristics

# Rating 800A is also available in B6 Frame

# SIRCOVER

## Manual Transfer Switching Equipment

From 63A to 3200A

### SIRCOVER - 4 Pole

HSN Code: 85365010

Conforms to IEC 60947-6-1 up to AC33B<sup>1</sup>, IS/IEC 60947-3 up to AC-23A<sup>1</sup>, Front operated 415 V, 50 Hz.

| Solution                        |         |       | OPEN EXECUTION                                                                                                                                                                            |        |                                                                                                                                                                                                                     |        | ENCLOSED SOLUTION                                                                                                                                                                                                      |        |                                                                                                                                  |        |
|---------------------------------|---------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------|--------|
|                                 |         |       | KIT Type 1                                                                                                                                                                                |        | KIT Type 2                                                                                                                                                                                                          |        | Enclosed Switch                                                                                                                                                                                                        |        | Extension Box                                                                                                                    |        |
| Standard Configuration Includes |         |       |                                                                                                          |        |                                                                                                                                    |        |                                                                                                                                      |        |                                               |        |
|                                 |         |       | <ul style="list-style-type: none"> <li>- Transfer switch</li> <li>- Direct handle</li> <li>- Bridging Bars up to 1600 A</li> <li>- Interphase barriers from frame B3 and above</li> </ul> |        | <ul style="list-style-type: none"> <li>- Transfer switch</li> <li>- Bridging Bars up to 1600 A</li> <li>- Extended handle</li> <li>- 200 mm shaft</li> <li>- Interphase barriers from frame B3 and above</li> </ul> |        | <ul style="list-style-type: none"> <li>- Transfer switch</li> <li>- Extended handle</li> <li>- Bridging Bars up to 1600 A</li> <li>- Extension shaft</li> <li>- Interphase barriers from frame B3 and above</li> </ul> |        | <ul style="list-style-type: none"> <li>- Suitable for Top or Bottom Assembly (Price is for 1 number of extension box)</li> </ul> |        |
| Frame                           | Rating  | Poles | Reference                                                                                                                                                                                 | LP (₹) | Reference                                                                                                                                                                                                           | LP (₹) | Reference                                                                                                                                                                                                              | LP (₹) | Reference                                                                                                                        | LP (₹) |
| B2*                             | 63A     | 4P    | 41K14006A                                                                                                                                                                                 | 8786   | 41K24006A                                                                                                                                                                                                           | 8850   | 41E14006A                                                                                                                                                                                                              | 16720  | 41E10001A                                                                                                                        | 3404   |
|                                 | 100A    |       | 41K14010A                                                                                                                                                                                 | 11320  | 41K24010A                                                                                                                                                                                                           | 11664  | 41E14010A                                                                                                                                                                                                              | 17760  |                                                                                                                                  |        |
|                                 | CD125A  |       | 41K14011A                                                                                                                                                                                 | 15236  | 41K24011A                                                                                                                                                                                                           | 15272  | 41E14011A                                                                                                                                                                                                              | 19342  |                                                                                                                                  |        |
| B3                              | 125A    |       | 41G14013A                                                                                                                                                                                 | 22760  | 41G24013A                                                                                                                                                                                                           | 24598  | 41E14013A                                                                                                                                                                                                              | 31860  | 41E10002A                                                                                                                        | 4996   |
|                                 | 160A    |       | 41G14016A                                                                                                                                                                                 | 22978  | 41G24016A                                                                                                                                                                                                           | 25858  | 41E14016A                                                                                                                                                                                                              | 39602  |                                                                                                                                  |        |
|                                 | 200A    |       | 41G14020A                                                                                                                                                                                 | 24888  | 41G24020A                                                                                                                                                                                                           | 26624  | 41E14020A                                                                                                                                                                                                              | 40388  |                                                                                                                                  |        |
| B4                              | 250A    |       | 41G14025A                                                                                                                                                                                 | 33118  | 41G24025A                                                                                                                                                                                                           | 42454  | 41E14025A                                                                                                                                                                                                              | 49266  | 41E10003A                                                                                                                        | 5118   |
|                                 | 315A    |       | 41G14031A                                                                                                                                                                                 | 42100  | 41G24031A                                                                                                                                                                                                           | 45306  | 41E14031A                                                                                                                                                                                                              | 56814  |                                                                                                                                  |        |
|                                 | 400A    |       | 41G14040A                                                                                                                                                                                 | 51996  | 41G24040A                                                                                                                                                                                                           | 54554  | 41E14040A                                                                                                                                                                                                              | 62186  | 41E10004A                                                                                                                        | 7860   |
| B5                              | 630A    |       | 41G14063A                                                                                                                                                                                 | 84290  | 41G24063A                                                                                                                                                                                                           | 90212  | 41E14063A                                                                                                                                                                                                              | 91798  | 41E10005A                                                                                                                        | 8468   |
|                                 | CD800A# |       | 41G14079A                                                                                                                                                                                 | 88536  | 41G24079A                                                                                                                                                                                                           | 94036  | -                                                                                                                                                                                                                      | -      | -                                                                                                                                | -      |
| B6                              | 1000A   |       | 41K14100A                                                                                                                                                                                 | 302004 | 41K24100A                                                                                                                                                                                                           | 313508 | 41E14100A                                                                                                                                                                                                              | 322688 | 41E10006A                                                                                                                        | 17944  |
|                                 | 1250A   |       | 41K14120A                                                                                                                                                                                 | 338978 | 41K24120A                                                                                                                                                                                                           | 345116 | 41E14120A                                                                                                                                                                                                              | 355616 |                                                                                                                                  |        |
| B7                              | 1600A   |       | 41K14160A                                                                                                                                                                                 | 471020 | 41K24160A                                                                                                                                                                                                           | 479790 | 41E14160A                                                                                                                                                                                                              | 486996 | 41E10007A                                                                                                                        | 58948  |
| B8                              | 2000A   |       | 41K14200A                                                                                                                                                                                 | 585866 | 41K24200A                                                                                                                                                                                                           | 636612 | 41E14200A                                                                                                                                                                                                              | 681422 | 41E10008A                                                                                                                        | 75878  |
|                                 | 2500A   |       | 41K14250A                                                                                                                                                                                 | 598800 | 41K24250A                                                                                                                                                                                                           | 644102 | 41E14250A                                                                                                                                                                                                              | 700612 |                                                                                                                                  |        |
|                                 | 3200A   |       | 41K14320A                                                                                                                                                                                 | 665882 | 41K24320A                                                                                                                                                                                                           | 700044 | 41E14320A                                                                                                                                                                                                              | 921864 |                                                                                                                                  |        |

CD - Compact Design

1) Please refer technical literature for exact technical characteristics

\* Phase Barrier & Shaft is not available in B2

# Rating 800A is also available in B6 Frame

### SIRCOVER Accessories - 3 Pole & 4 Pole

HSN Code: 85381090



| Frame | Direct Handle | LP (₹) | External Handle | LP (₹) | Shaft 200mm | LP (₹) | Shaft 320mm | LP (₹) |
|-------|---------------|--------|-----------------|--------|-------------|--------|-------------|--------|
| B2    | 42990002A     | 860    | -               | -      | -           | -      | -           | -      |
| B3    | 41995012A     | 1656   | 14212113A       | 2304   | 14001020A   | 700    | 14001032A   | 1308   |
| B4    | 41995012A     | 1656   | 14212113A       | 2304   | 14001020A   | 700    | 14001032A   | 1308   |
| B5    | 41995012A     | 1656   | 14212113A       | 2304   | 14001020A   | 700    | 14001032A   | 1308   |
| B6*   | 27997052A     | 4480   | 14433113A       | 5536   | 14011520A   | 1794   | 14011532A   | 4888   |
| B7*   | 27997052A     | 4480   | 14433113A       | 5536   | 14011520A   | 1794   | 14011532A   | 4888   |
| B8*   | 27997012A     | 4542   | 14538113A       | 58766  | 27993015A   | 10070  | 27993018    | 10574  |

\* double arms handle



| Frame | Interphase barrier 3P | LP (₹) | Interphase barrier 4P | LP (₹) | 1st or 2nd Aux Contact (1NO/NC) | LP (₹) | Interlock Kit* | LP (₹) |
|-------|-----------------------|--------|-----------------------|--------|---------------------------------|--------|----------------|--------|
| B2    | -                     | -      | -                     | -      | 42091030A                       | 932    | 42590002A      | 1024   |
| B3    | 29985036A             | 638    | 29985039A             | 900    | 41090021A                       | 972    | 42590003A      | 1144   |
| B4    | 29985026A             | 764    | 29985029A             | 1070   | 41090021A                       | 972    | 42590003A      | 1144   |
| B5    | 29985016A             | 1036   | 29985019A             | 1598   | 41090021A                       | 972    | 42590003A      | 1144   |
| B6    | -                     | -      | -                     | -      | 41090021A                       | 972    | -              | -      |
| B7    | -                     | -      | -                     | -      | 41090021A                       | 972    | -              | -      |
| B8    | -                     | -      | -                     | -      | 41090021A                       | 972    | -              | -      |

\* for external operation of Kit 1, interlock kit can be used

\* for using Interlock kit in K2, direct handle to be ordered extra

| Old changeover switch (COS) |             | Retrofit Solutions |               |        |  |
|-----------------------------|-------------|--------------------|---------------|--------|--|
| Rating                      | Reference   | Switch Reference   | Kit Reference | LP (₹) |  |
| 125A                        | GC01 254POI | GC01 254POI        | 41RT 4020A    | 5446   |  |
| 160A                        | GC01 604POI | GC01 604POI        | 41RT 4020A    | 5446   |  |
| 200A                        | GC02 004POI | GC02 004POI        | 41RT 4020A    | 5446   |  |
| 250A                        | GC02 504POI | GC02 504POI        | 41RT 4031A    | 7746   |  |
| 315A                        | GC03 204POI | GC03 204POI        | 41RT 4031A    | 7746   |  |
| 630A                        | GC06 304POI | GC06 304POI        | 41RT 4063A    | 11334  |  |

\* for 400 A, please consult us.

\* above list price is only for retrofit kit, for switch prices please refer page no. 22

\* To replace Socomec old changeover (COS), use retrofit kit along with the NEW SIRCOVER with direct handle option

# SIRCOVER BYPASS

## Manual Transfer Switching Equipment

From 125A to 1600A

### SIRCOVER BYPASS - 4 Pole

HSN Code: 85365010

Conforms to IS/IEC 60947-3 AC-23A<sup>1</sup>, front operated 415 V, 50 Hz.

| Solution                        |       | OPEN EXECUTION                                                                                                                                                      |        |
|---------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
|                                 |       | SIRCOVER BYPASS                                                                                                                                                     |        |
| Standard Configuration Includes |       |                                                                                  |        |
|                                 |       | <ul style="list-style-type: none"> <li>- Switch</li> <li>- Interphase barrier</li> <li>- External Handle</li> <li>- Bridging Bars</li> <li>- Shaft 200mm</li> </ul> |        |
| Rating                          | Poles | Reference                                                                                                                                                           | LP (₹) |
| 125A                            | 4P    | 41K29013A                                                                                                                                                           | 50180  |
| 160A                            |       | 41K29016A                                                                                                                                                           | 50446  |
| 200A                            |       | 41K29020A                                                                                                                                                           | 51808  |
| 250A                            |       | 41K29025A                                                                                                                                                           | 62656  |
| 400A                            |       | 41K29040A                                                                                                                                                           | 78184  |
| 500A                            |       | 41K29050A                                                                                                                                                           | 134348 |
| 630A                            |       | 41K29063A                                                                                                                                                           | 146764 |
| 800A                            |       | 41K29080A                                                                                                                                                           | 490216 |
| 1000A                           |       | 41K29100A                                                                                                                                                           | 535900 |
| 1250A                           |       | 41K29120A                                                                                                                                                           | 564316 |
| 1600A                           |       | 41K29160A                                                                                                                                                           | 686880 |

1) Please refer technical literature for exact characteristics

### SIRCOVER BYPASS Accessories - 4 Pole

HSN Code: 85381090

Conforms to IS/IEC 60947-3 AC-23A<sup>1</sup>, front operated 415 V, 50 Hz.



| Rating | External Handle | LP (₹) | Shaft 200mm | LP (₹) | Shaft 320mm | LP (₹) | 1st Aux Contact (1NO/NC) | LP (₹) |
|--------|-----------------|--------|-------------|--------|-------------|--------|--------------------------|--------|
| 125A   | 14212113A       | 2304   | 14001020A   | 700    | 14001032A   | 1308   | 41090021A                | 972    |
| 160A   | 14212113A       | 2304   | 14001020A   | 700    | 14001032A   | 1308   | 41090021A                | 972    |
| 200A   | 14212113A       | 2304   | 14001020A   | 700    | 14001032A   | 1308   | 41090021A                | 972    |
| 250A   | 14333113A       | 5060   | 14011520A   | 1794   | 14011532A   | 4888   | 41090021A                | 972    |
| 400A   | 14333113A       | 5060   | 14011520A   | 1794   | 14011532A   | 4888   | 41090021A                | 972    |
| 500A   | 14333113A       | 5060   | 14011520A   | 1794   | 14011532A   | 4888   | 41090021A                | 972    |
| 630A   | 14333113A       | 5060   | 14011520A   | 1794   | 14011532A   | 4888   | 41090021A                | 972    |
| 1250A  | 41997146A       | 31316  | 27993015A   | 10070  | 27993018    | 10574  | 41090021A                | 972    |
| 1600A  | 41997146A       | 31316  | 27993015A   | 10070  | 27993018    | 10574  | 41090021A                | 972    |

# When **energy** matters



**ATyS:** a complete range of transfer switching equipment for every application from 25A to 6300A



Scan to know more

**ATyS is remotely operated or fully automatic transfer switching equipment (TSE) assures the continuity of power to a load in a safe and reliable way.**

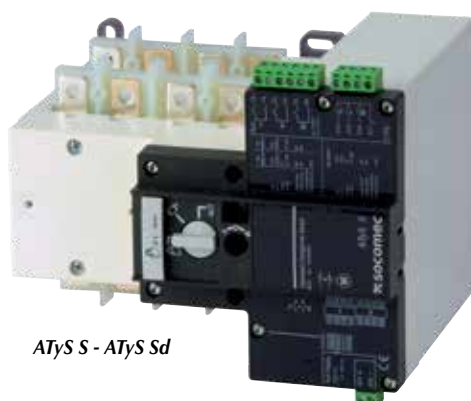
- **Wider range of ATyS** products for different applications. With or without dual power supply, ATS controller, Communication, Software and more.
- **Tested in full compliance** with IEC 60947-6-1.
- **Unique lateral movement design** with self cleaning contacts ensure high performance and power availability.
- **Wide band control voltage** 166 - 332 V for motor.
- **Self diagnostic watchdog relay** for the motor and controller.
- **3-positions (I-0-II) pad lockable** with 100% manual on-load transfer feasibility with operating handle.

**socomec**  
Innovative Power Solutions

# ATyS S - ATyS Sd

## Remotely Operated Transfer Switching Equipment

From 40A to 125A



ATyS S - ATyS Sd

### Function

ATyS S products are 4 pole remotely operated transfer switches with positive break indication. They enable the on-load transfer of two three-phase supplies via remote volt-free contacts, from either an external automatic controller, using pulse logic, or a switch.

They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

### Advantages

#### Extensive power supply range

The ATyS S is available in four supply versions, each with a broad range (+/-30%). The four versions are:

- 12 VDC power supply.
- 24/48 VDC power supply.
- 230 VAC single power supply.
- 2 x 230 VAC dual power supply.

#### Safety and reliability

ATyS S products use stable position technology, ensuring constant pressure on the contacts and preventing premature ageing. In addition, they do not require a power supply to maintain position, thus protecting their loads from voltage fluctuations.

#### Easy integration

ATyS S products can be easily installed inside enclosures. Their design, and in particular their compact size, enables integration within most 200 mm deep enclosures.

#### Simplified maintenance

Maintenance can be carried out easily under load, with manual operation still available. The control and motorisation section can be replaced simply by removing 4 screws, with no work required on the installation cabling.

#### ATyS Sd: Dual power supply

In addition to the functions offered by the ATyS S, the ATyS Sd incorporates supply redundancy without the need for additional wiring. This is obtained by integrating a double supply (2 independent supplies) directly within the product.

### ATyS S - ATyS Sd - 4 Pole

HSN Code: 85365010

| Solution                        |       | Remotely Operated                       |        |                                                                |        |                                         |        |                                         |        |
|---------------------------------|-------|-----------------------------------------|--------|----------------------------------------------------------------|--------|-----------------------------------------|--------|-----------------------------------------|--------|
|                                 |       | ATyS S 230 Vac                          |        | ATyS Sd 230 Vac x 2                                            |        | ATyS S 12Vdc                            |        | ATyS S 24/48Vdc                         |        |
| Standard Configuration Includes |       | - Switch<br>- Handle<br>- Bridging Bars |        | - Switch<br>- Handle<br>- Bridging Bars<br>- Dual Power Supply |        | - Switch<br>- Handle<br>- Bridging Bars |        | - Switch<br>- Handle<br>- Bridging Bars |        |
| Rating                          | Poles | Reference                               | LP (₹) | Reference                                                      | LP (₹) | Reference                               | LP (₹) | Reference                               | LP (₹) |
| 40A                             | 4P    | 95034004SL                              | 42124  | 95134004SL                                                     | 42758  | 95054004SL                              | 42124  | 95064004SL                              | 42124  |
| 63A                             |       | 95034006SL                              | 42996  | 95134006SL                                                     | 44806  | 95054006SL                              | 44044  | 95064006SL                              | 44044  |
| 80A                             |       | 95034008SL                              | 43880  | 95134008SL                                                     | 53138  | 95054008SL                              | 47868  | 95064008SL                              | 47868  |
| 100A                            |       | 95034010SL                              | 49622  | 95134010SL                                                     | 54544  | 95054010SL                              | 53604  | 95064010SL                              | 49138  |
| 125A                            |       | 95034012SL                              | 53170  | 95134012SL                                                     | 58448  | 95054012SL                              | 57442  | 95064012SL                              | 57442  |

# ATyS r

## Remotely Operated Transfer Switching Equipment

From 125A to 3200A



ATyS r

### Function

ATyS r are 3 or 4 pole remotely operated motorised transfer switches with positive break indication. They enable the on-load transfer of two three-phase power supplies via remote volt-free contacts, from either an external automatic controller, using pulse logic, or a switch.

They are intended for use in low voltage power systems where interruption of the load supply is acceptable during transfer.

### Advantages

#### Watchdog relay to check product availability

ATyS r products are equipped with a Watchdog relay which constantly monitors your product, thereby securing the installation. This relay informs in real time the user of the product's availability, i.e. whether it is operational and ready for source switching.

#### Integrated auxiliary contacts

As part of the product monitoring function, the ATyS r enable the transmission of information relating to their position. This is possible thanks to the standard integration of an auxiliary contact for each position.

#### Extended power supply range

ATyS r products offer greater availability thanks to their extensive power supply range of 208 to 277 VAC  $\pm$  20%.

#### Even more robust

The updated design includes metal mounting legs across the entire ATyS range, improving the overall robustness of the switches. It also allows an easier and trouble-free mounting of the switches on a back plate with preassembled screws.

### ATyS r - 4 Pole

HSN Code: 85365010

| Solution                        |       | Remotely Operated                                   |         |
|---------------------------------|-------|-----------------------------------------------------|---------|
|                                 |       | ATyS r                                              |         |
| Standard Configuration Includes |       | - Switch<br>- Handle<br>- Bridging Bars up to 1600A |         |
| Rating                          | Poles | Reference                                           | LP (₹)  |
| 125A                            | 4P    | 95234012SL                                          | 94860   |
| 160A                            |       | 95234016SL                                          | 97290   |
| 200A                            |       | 95234020SL                                          | 99612   |
| 250A                            |       | 95234025SL                                          | 124274  |
| 315A                            |       | 95234031SL                                          | 126192  |
| 400A                            |       | 95234040SL                                          | 157020  |
| 500A                            |       | 95234050SL                                          | 168580  |
| 630A                            |       | 95234063SL                                          | 199408  |
| 800A                            |       | 95234080SL                                          | 323158  |
| 1000A                           |       | 95234100SL                                          | 390892  |
| 1250A                           |       | 95234120SL                                          | 422856  |
| 1600A                           |       | 95234160SL                                          | 524814  |
| 2000A                           |       | 95234200G                                           | 766360  |
| 2500A                           |       | 95234250G                                           | 847048  |
| 3200A                           |       | 95234320G                                           | 1088986 |

\* Please contact us for 3 Pole ATyS range

# ATyS d H

## Remotely Operated Transfer Switching Equipment

From 4000A to 6300A



ATyS d H

### Function

The ATyS d H is a three-phase transfer switch, 3 and 4 poles, designed for low voltage high power applications that require high-performance and fast reliable switching. The open transition transfer is performed on-load in line with IEC 60947-6-1 and GB/T 14048-11 standards (Class PC) with minimal power supply interruption to the load during transfer.

The ATyS d H is remote transfer switching equipment (RTSE) with an integrated dual power supply (DPS) that accepts remote orders through volt-free contacts.

### Advantages

#### Ready for installation in the enclosure of your choice

The ATyS d H has been designed to facilitate installation. It is composed of two switches that are mounted one above the other with easily accessible power connections located at the rear. Furthermore the ATyS d H does not need any external bridging bars as the load side is connected within the product. This enables to save time during installation.

#### Safe on-load transfer: I-0-II

The ATyS d H includes two mechanically interlocked switches to ensure fast switching whilst providing a neutral (Off - 0) position. This ensures that the main and alternative power supplies do not overlap.

#### High-performance switching

The ATyS d H offers high withstand short circuit current ratings of 143 kA Icm (making) and 65 kA for 0.1sec Icw (withstand). Further to its high short circuit withstand, the ATyS d H performance in terms of load switching capacity is AC-33iB ( $6 \times I_n \cos \phi 0.5$ ) without derating.

### ATyS d H - 3 Pole, 4 Pole - Fixed Type

HSN Code: 85365010

| Rating | Poles | Reference | LP (₹)     |
|--------|-------|-----------|------------|
| 4000A  | 3P    | 95333400  | On Request |
| 5000A  |       | 95333500  |            |
| 6300A  |       | 95333630G |            |
| 4000A  | 4P    | 95334400  | On Request |
| 5000A  |       | 95334500  |            |
| 6300A  |       | 95334630G |            |

# ATyS A15

## ATS Controller

### Entry-level functionalities



ATyS A15

#### Function

ATyS A15 is an entry level ATSE controller without communications. It can be used to pilot a remotely operated transfer switch, such as ATyS r, ATyS S and ATyS d M, as well as contactors. ATyS A15 ensure the automatic or remotely controlled transfer from one source to another with fixed timers and thresholds.

#### General characteristics

- Self-powered from sensing.
- Wide voltage range (184-300 VAC).
- 24 VDC aux power supply (for optional use).
- Main/Main or Main/Genset networks.
- Fixed I/O.
- Phase Rotation Checking.
- Door or DIN rail mounting.

#### Advantages

##### Flexible space saving

The ATyS A15 controller can be mounted on either a DIN rail or to the panel door, offering flexibility and optimising space.

##### Cost-effective

The ATyS A15 has an integrated DPS, for supplying the motorisation of the switch, and can be door mounted, therefore there's no need for an external DPS or display, reducing installation time and costs.

#### Fast commissioning & testing

- 8 dip-switches allow very fast commissioning, even offline.
- All main functions such as remote position control, mode selection, lamp test and genset test on load are available on the front of the product allowing quick and easy operation.

#### ATyS A15

HSN Code: 85381090

| Reference | Description                      | LP (₹) |
|-----------|----------------------------------|--------|
| 16000015  | A15 Controller for RTSE products | 30352  |

# ATyS C25

## ATS Controller

Entry-level functionalities



ATyS C25

### Function

ATyS C25 is an entry level ATSE controller with communications. It can be used to pilot a remotely operated transfer switch, such as ATyS r, ATyS S and ATyS d M, as well as contactors type transfer switches, for circuit breaker type transfer switches see ATyS C55 and ATyS C65. ATyS C25 ensure the automatic or remotely controlled transfer from one source to another with fixed timers and thresholds.

### General characteristics

- Self-powered from sensing.
- Voltage supply range (184 - 300 VAC).
- DC aux power supply (for optional use).
- Main/Main or Main/Genset networks.
- Fixed I/Os.
- RS485 Modbus communication.
- Voltage sensing on all phases.
- Three-phase + Neutral & Single-phase + Neutral networks.
- Phase rotation checking.
- Door or DIN rail mounting.

### Advantages

#### Flexible space saving

The ATyS C25 controller can be mounted on either a DIN rail or to the panel door, offering flexibility and optimising space.

#### Cost-effective

The ATyS C25 has an integrated DPS, for supplying the motorisation of the switch, and can be door mounted, therefore there's no need for an external DPS or display, reducing installation time and costs.

### Fast commissioning & testing

- 8 dip-switches allow very fast commissioning, even offline.
- All main functions such as remote position control, mode selection, lamp test and genset test on load are available on the front of the product allowing quick and easy operation.
- Remote product information is available through RS485 Modbus communication.

### ATyS C25

HSN Code: 85381090

| Reference | Description                                  | LP (₹)     |
|-----------|----------------------------------------------|------------|
| 16000025  | C25 Controller with RS485, for RTSE products | On Request |

# ATyS C55

## ATS Controller

Mid-level functionalities



ATyS C55

### Function

ATyS C55 is a complete ATSE controller that can be used to pilot a remotely operated transfer switch of any technology: motorised switches (e.g. ATyS r, ATyS S or ATyS d M), circuit breakers or contactors. ATyS C55 ensure the automatic or remotely controlled transfer from one source to another, with configurable timers and thresholds, for any combination of sources: 2 transformers, 1 transformer and 1 genset or 2 gensets.

### General characteristics

- Self-powered from sensing.
- Wide voltage range (88-576VAC).
- 24 VDC aux power supply (for optional use).
- 2 latching relays.
- Smart commissioning wizard.
- IP65 degree of protection with gasket (accessory).
- 1000 Alarms and Events.
- 6 fully configurable I/O.
- Genset scheduler.
- Door or back plate mounting.

### Advantages

#### Fast commissioning

On initial power up, the ATyS C55's smart wizard will guide the operator through the commissioning process.

#### Versatile

The ATyS C55 is compatible with contactors, breakers and switches. It can also work for all type of 2-source applications combining mains and gensets.

#### Fast commissioning & testing

- High-resolution LCD screen with clear defined messages.
- Real-time pop-ups to show timers, alarms, faults and information alerts.
- Quick and easy access to main functions through the front face with direct key input.
- Complete configuration can be achieved through the front face or via software (EasyConfig).

### ATyS C55

HSN Code: 85381090

| Reference | Description                                                                                  | LP (₹)     |
|-----------|----------------------------------------------------------------------------------------------|------------|
| 16000055  | C55 Controller with RS485 port, suitable for ATyS I Circuit breaker I Contactor technologies | On Request |

# ATyS C65

## ATS Controller

Advanced functionalities



ATyS C65

### Function

ATyS C65 is an advanced ATSE controller offering all the functions of the ATyS C55 with the addition of current, power & energy monitoring, increased I/O capacity and functions, load shedding, lift control function, energy backup, increased number of events and alarms (measurement and combination alarms) and DIRIS Digiware module compatibility.

### General characteristics

- Self-powered from sensing.
- Wide voltage range (88 - 576 VAC).
- 24 VDC aux power supply (for optional use).
- 2 latching relays.
- Digiware I/O-10: I/O extension up to 30 inputs and 18 outputs.
- Power & Energy metering with 1 A or 5 A current transformers.
- Energy backup.
- IP65 degree of protection (panel gasket included).
- 3000 Alarms and Events.

### Advantages

#### Fast commissioning

On initial power up, the ATyS C65's smart wizard will guide the operator through the commissioning process.

#### User customisable

Front face LEDs, Load shedding, Genset schedulers and the lift control signal are just a few of the many customisable features available on ATyS C65.

#### Fast commissioning & testing

- The high-resolution LCD screen provides several dashboards enabling easy monitoring of all parameters, including power and energy consumption of the loads.
- The integrated energy backup provides transitional power to the product enabling status indication (switch position, timer status, fault notifications) and communication to remain active with no supply present.
- Quick and easy access to main functions through the front face with direct key input.
- Complete configuration can be achieved through the front face or via software (EasyConfig).

### ATyS C65

HSN Code: 85381090

| Reference | Description                                                                                                     | LP (₹)     |
|-----------|-----------------------------------------------------------------------------------------------------------------|------------|
| 16000065  | C65 Controller with RS485 com or ethernet webserver, suitable for ATyS I Circuit breaker I Contact technologies | On Request |

# ATyS a M

## Preset Automatic Transfer Switching Equipment

From 25A to 160A



ATyS a M

### Function

ATyS a M supports the automatic transfer between two power supply sources - and safe isolation - for any low voltage installation. The product includes an integrated pre-set controller which automatically transfers the power supply between the normal source (main transformer) and the emergency source (generating set or main transformer). They are intended for on-load operations, where a brief interruption of the load supply is acceptable during transition between sources (I-O-II).

### General characteristics

- Range from 25 to 160 A.
- Available in 4P.
- AC-33B utilisation category.
- Automatic or manual operations.
- Padlocking facility.
- Optional Modbus communication.

### Advantages

#### Quick & easy commissioning

With an integrated and preset controller, configuration time is reduced to zero and the potential for human error is eliminated – making the commissioning process straightforward.

ATyS a M timers and thresholds are defined for the most relevant Main/Main and Main/GenSet applications, which means that source transfer is managed automatically.

#### Space saving

ATyS a M offers unrivalled flexibility for a seamless integration process, even in the most constrained enclosures and panels. Thanks to its modular design, mounting and cabling spaces are optimised to allow the use of more compact panels – which in turn reduces the total cost of ownership.

#### Proven reliability

ATyS a M has been designed and tested according to IEC 60947-6-1 and GB/T 14048.11, achieving performance of PC class – the most robust and reliable class, intended to preserve the transfer function for increased reliability and an improved return on investment. The AC-33B utilisation category confirms that the system is suitable for any type of load, including inductive loads such as motors.

### ATyS a M - 4 Pole

HSN Code: 85365010

| Rating | Poles | Reference | LP (₹)     |
|--------|-------|-----------|------------|
| 25A    | 4P    | 93354002  | On Request |
| 32A    |       | 93354003  |            |
| 40A    |       | 93354004  |            |
| 63A    |       | 93354006  |            |
| 80A    |       | 93354008  |            |
| 100A   |       | 93354010  |            |
| 125A   |       | 93354012  |            |
| 160A   |       | 93354016  |            |

# ATyS p

## Automatic Transfer Switching Equipment

From 125A to 3200A



ATyS p

### Advantages

#### Recording of events

ATyS p switches enable effective monitoring of your installation thanks to timestamped event recording. Events can be retrieved and read via communication.

#### Optional communication modules

The ATyS p offers communication functions through the addition of optional modules, such as the RS485 Modbus or Ethernet with embedded Webserver.

### Function

ATyS p are 3 or 4 pole automatic transfer switches with positive break indication. They incorporate all the functions offered by the ATyS t and g, as well as functions designed for power management and communication.

In automatic mode they enable the monitoring of, and the on-load changeover between, two power supply sources, in accordance with the parameters configured through LCD display, or via communication.

They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

### Configuration software

Software (Easyconfig) is available enabling the ATyS p parameters to be easily configured and the existing configuration to be saved and sent to other units ..

### Power measurements

ATyS p products are particularly suited to energy management and monitoring. In addition to their integrated power and energy measurement functions (with a 2% accuracy level), programmable inputs/outputs can be utilised to control load shedding based on a load level or tariff.

### ATyS p - 4 Pole

HSN Code: 85365010

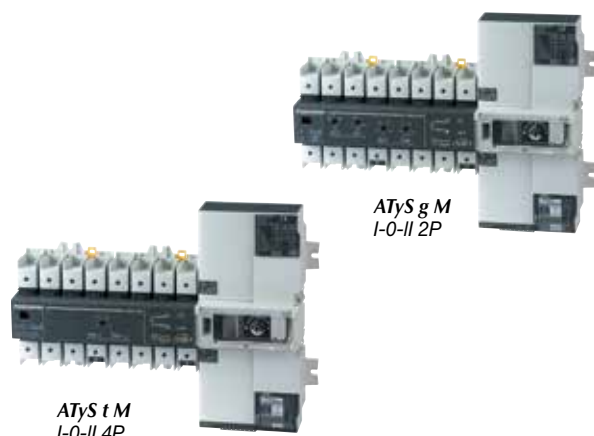
| Solution                        |       | Automatically operated                                                                                                                           |            |
|---------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|                                 |       | ATyS p                                                                                                                                           |            |
| Standard Configuration Includes |       | <ul style="list-style-type: none"> <li>- Switch</li> <li>- Handle</li> <li>- Bridging Bars up to 1600A</li> <li>- Voltage Sensing Kit</li> </ul> |            |
| Rating                          | Poles | Reference                                                                                                                                        | LP (₹)     |
| 125A                            | 4P    | 95734012SLVR                                                                                                                                     | On Request |
| 160A                            |       | 95734016SLVR                                                                                                                                     |            |
| 200A                            |       | 95734020SLVR                                                                                                                                     |            |
| 250A                            |       | 95734025SLVR                                                                                                                                     |            |
| 315A                            |       | 95734031SLVR                                                                                                                                     |            |
| 400A                            |       | 95734040SLVR                                                                                                                                     |            |
| 500A                            |       | 95734050SLVR                                                                                                                                     |            |
| 630A                            |       | 95734063SLVR                                                                                                                                     |            |
| 800A                            |       | 95734080SLVR                                                                                                                                     |            |
| 1000A                           |       | 95734100SLVR                                                                                                                                     |            |
| 1250A                           |       | 95734120SLVR                                                                                                                                     |            |
| 1600A                           |       | 95734160SLVR                                                                                                                                     |            |
| 2000A                           |       | 95734200VR                                                                                                                                       |            |
| 2500A                           |       | 95734250VR                                                                                                                                       |            |
| 3200A                           |       | 95734320VR                                                                                                                                       |            |

\* ATyS P - Optional RS485 & Ethernet Module

# ATyS *t* M & ATyS *g* M

## Automatic Transfer Switching Equipment

From 40A to 160A



### Function

ATyS *t* M and ATyS *g* M are modular automatic transfer switches with positive break indication. ATyS *t* M are 4 pole (three-phase) devices and ATyS *g* M are 2 or 4 pole (single or three-phase) devices.

They have all the functions of the ATyS *d* M together with an integrated controller, giving them automatic features dedicated to mains/mains (ATyS *t* M) and mains/genset (ATyS *g* M) applications. They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

### Advantages

#### Quick start

ATyS *t* M and *g* M transfer switches offer significant time saving during commissioning (the process takes 2 to 3 minutes). Thanks to the design that allows commissioning through just one potentiometer (4 on the ATyS *g* M) and four DIP switches, a screwdriver is all that is required to configure the parameters.

#### ATyS *g* M: dedicated to mains/genset applications

In addition to its single-phase and three-phase voltage & frequency monitoring for both incoming sources, the product's integrated controller also features functions that are specific to mains/genset applications (genset control, test on load, etc.).

#### ATyS *t* M: dedicated to three-phase mains/mains applications

The ATyS *t* M integrated controller has been designed to provide all the functions necessary for these applications (operation with or without priority, preferred source selection) together with the monitoring of the voltage and frequency of both sources for three-phase networks.

#### Secure programming

To ensure that the correct configuration is maintained an optional sealable cover can be fitted in order to avoid any unintentional modifications to the programming.

### ATyS *t* M & ATyS *g* M - 4 pole

HSN Code: 85365010

| Solution                        |       | Automatic Transfer Switch Equipment ( ATSE) |        |                      |            |
|---------------------------------|-------|---------------------------------------------|--------|----------------------|------------|
|                                 |       | ATyS <i>t</i> M                             |        | ATyS <i>g</i> M      |            |
| Standard Configuration Includes |       | - Switch<br>- Handle                        |        | - Switch<br>- Handle |            |
| Rating                          | Poles | Reference                                   | LP (₹) | Reference            | LP (₹)     |
| 40A                             | 4P    | 93444004G                                   | 68090  | 93544004G            | On Request |
| 63A                             |       | 93444006G                                   | 72614  | 93544006G            |            |
| 80A                             |       | 93444008G                                   | 76484  | 93544008G            |            |
| 100A                            |       | 93444010G                                   | 78424  | 93544010G            |            |
| 125A                            |       | 93444012G                                   | 86652  | 93544012G            |            |
| 160A                            |       | 93444016G                                   | 105538 | 93544016G            |            |

\* Please consult us, for 2Pole ATyS M

\* Bridging bars available as optional

# ATyS p M

## Automatic Transfer Switching Equipment

From 40A to 160A



ATyS p M  
I-O-II 4P

### Function

ATyS p M are single-phase or three-phase modular automatic transfer switches with positive break indication. Functions include ATyS t M and ATyS g M capability, with additional programmable parameters and a tripping function. A product model with communication is available.

They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

### Advantages

#### Flexible programming

ATyS p M time delays and inputs/outputs are completely configurable, hence enabling the easy monitoring of specific applications (load shedding, test...) and the definition of an operating cycle specifically adapted to your application.

#### Trip function

ATyS p M features a function for returning to the 0 position in case of the loss of both power supply sources (tripping). This protects the load from issues due to source instability.

#### Communication and configuration

A specific version of ATyS p M is available with integrated Modbus communication. This gives access to most product data (status, voltages, frequencies...). A user friendly configuration software is also available free (Easyconfig) to configure, view and save all the parameters in the ATyS p M.

#### Remote control interface

Specifically designed for installations where the product is enclosed, the remote interface displays product status on the front panel (D10) or displays and controls with access to programming (D20).

### ATyS p M - 4 Pole

HSN Code: 85365010

| Solution                        |       | Automatic Transfer Switch Equipment ( ATSE) |            |                                       |            |
|---------------------------------|-------|---------------------------------------------|------------|---------------------------------------|------------|
|                                 |       | ATyS p M                                    |            | ATyS p M + COM                        |            |
| Standard Configuration Includes |       | - Switch<br>- Handle                        |            | - Switch<br>- Handle<br>- With RS 485 |            |
| Rating                          | Poles | Reference                                   | LP (₹)     | Reference                             | LP (₹)     |
| 40A                             | 4P    | 93644004G                                   | On Request | 93844004G                             | On Request |
| 63A                             |       | 93644006G                                   |            | 93844006G                             |            |
| 80A                             |       | 93644008G                                   |            | 93844008G                             |            |
| 100A                            |       | 93644010G                                   |            | 93844010G                             |            |
| 125A                            |       | 93644012G                                   |            | 93844012G                             |            |
| 160A                            |       | 93644016G                                   |            | 93844016G                             |            |

# ATyS A - ATyS C

## Automatic Transfer Switching Equipment

From 125A to 3200A



ATyS A - ATyS C

### Function

ATyS A and ATyS C are 4 pole automatic transfer switches, with positive break indication. They incorporate the functions intended for mains/mains applications and mains/genset applications.

In automatic mode they enable the monitoring of, and the on-load changeover between, two power supply sources, in accordance with the parameters configured via DIP switches.

### General characteristics

- Main/Main or Main/Genset networks.
- ATS with 3 stable positions : I-0-II.
- Built-in mechanical interlock.
- RS485 Modbus communication with ATyS C.
- Door or DIN rail mounted controller.

### Advantages

#### Rapid commissioning

Voltage tapping and cable harness are supplied in a single package with motorised transfer switch and ATS controller. ATyS A and C switches offer significant time saving during commissioning (process takes 2 to 3 minutes). Owing to the design that allows commissioning through eight DIP switches, a screwdriver is all that is required.

#### Easy to use

The integrated design of the TSE offers an easy door mounting possibility of the ATS controller with the help of wire harness. Whilst providing an IP4x protection degree it enables an access to source availability and switch position visual information, as well as to the manual remote controls option.

#### Watchdog relay to check product availability

ATyS A and ATyS C products are equipped with a Watchdog relay which constantly monitors your product, thereby securing the installation.

This relay informs in real time the product's availability to the user, i.e. whether it is operational and ready for source switching operation.

# ATyS A - ATyS C

## Automatic Transfer Switching Equipment

From 125A to 3200A

### ATyS A - ATyS C - 4 Pole

HSN Code: 85365010

| Solution                        |       | Automatically operated                                                                                                                                                             |         |                                                                                                                                                                                                     |            |
|---------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
|                                 |       | ATyS A                                                                                                                                                                             |         | ATyS C                                                                                                                                                                                              |            |
| Standard Configuration Includes |       | <ul style="list-style-type: none"> <li>- Switch</li> <li>- Handle</li> <li>- Controller with Harness</li> <li>- Bridging Bars upto 1600A</li> <li>- Voltage sensing kit</li> </ul> |         | <ul style="list-style-type: none"> <li>- Switch</li> <li>- Handle</li> <li>- Controller with RS 485 port with Harness</li> <li>- Bridging Bars upto 1600A</li> <li>- Voltage sensing kit</li> </ul> |            |
| Rating                          | Poles | Reference                                                                                                                                                                          | LP (₹)  | Reference                                                                                                                                                                                           | LP (₹)     |
| 125A                            | 4P    | 95154012SL                                                                                                                                                                         | 134234  | 95254012SL                                                                                                                                                                                          | On Request |
| 160A                            |       | 95154016SL                                                                                                                                                                         | 136714  | 95254016SL                                                                                                                                                                                          | On Request |
| 200A                            |       | 95154020SL                                                                                                                                                                         | 139076  | 95254020SL                                                                                                                                                                                          | On Request |
| 250A                            |       | 95154025SL                                                                                                                                                                         | 164224  | 95254025SL                                                                                                                                                                                          | On Request |
| 315A                            |       | 95154031SL                                                                                                                                                                         | 166190  | 95254031SL                                                                                                                                                                                          | On Request |
| 400A                            |       | 95154040SL                                                                                                                                                                         | 197634  | 95254040SL                                                                                                                                                                                          | On Request |
| 500A                            |       | 95154050SL                                                                                                                                                                         | 209430  | 95254050SL                                                                                                                                                                                          | On Request |
| 630A                            |       | 95154063SL                                                                                                                                                                         | 240860  | 95254063SL                                                                                                                                                                                          | On Request |
| 800A                            |       | 95154080SL                                                                                                                                                                         | 359602  | 95254080SL                                                                                                                                                                                          | On Request |
| 1000A                           |       | 95154100SL                                                                                                                                                                         | 386626  | 95254100SL                                                                                                                                                                                          | On Request |
| 1250A                           |       | 95154120SL                                                                                                                                                                         | 465914  | 95254120SL                                                                                                                                                                                          | On Request |
| 1600A                           |       | 95154160SL                                                                                                                                                                         | 568892  | 95254160SL                                                                                                                                                                                          | On Request |
| 2000A                           |       | 95154200G                                                                                                                                                                          | 812818  | 95254200                                                                                                                                                                                            | On Request |
| 2500A                           |       | 95154250G                                                                                                                                                                          | 890916  | 95254250                                                                                                                                                                                            | On Request |
| 3200A                           |       | 95154320G                                                                                                                                                                          | 1138648 | 95254320                                                                                                                                                                                            | On Request |

## ATyS Accessories

HSN Code: 85381090



| Reference | Description                                                                                     | LP (₹)     |
|-----------|-------------------------------------------------------------------------------------------------|------------|
| 22994009  | Shorting Links for ATyS a M                                                                     | On Request |
| 93240002  | Shroud, 4P for ATyS a M                                                                         | On Request |
| 93350001  | RS 485 module for ATyS a M                                                                      | On Request |
| 93350002  | Fire Input module for ATyS a M                                                                  | On Request |
| 93350003  | Genset start module for ATyS a M                                                                | On Request |
| 95992010  | HMI ATyS D10 compatible with ATyS d, t, g, p                                                    | 11476      |
| 95992020  | HMI ATyS D20 compatible with ATyS p, ATyS p M                                                   | 12920      |
| 13094006  | Bridging bars 40A - 125A for ATyS M                                                             | 7958       |
| 13094016  | Bridging bars 160A for ATyS M                                                                   | 14700      |
| 13994006  | Voltage sensing kit for ATyS M                                                                  | 5658       |
| 13091001  | Aux contact for ATyS a M and ATyS M (range from 25A – 160A) with 1 changeover for each position | 6936       |
| 22944016  | Terminal Shrouds for ATyS M                                                                     | 1396       |
| 48250204  | Ethernet Module with RS 485 for ATyS p   Diris A30   Diris A41 (Modbus Gateway)                 | 55888      |
| 48250203  | Ethernet Module for ATyS p   Diris A30   Diris A41 (Modbus TCP or RTU over TCP protocol)        | 33542      |
| 48250092  | RS 485 Modbus Communication                                                                     | 7424       |
| 15992001  | 2 Inputs/ Output modules for ATyS p                                                             | 14036      |
| 15994001  | Dual Power Supply for ATyS S   ATyS r                                                           | 24442      |
| 93240003  | Bridging Bars ATyS M 80-125A                                                                    | On Request |
| 93240005  | Bridging Bars ATyS a M 160A                                                                     |            |
| 93240004  | Shrouds ATys A-D M 80-160A                                                                      |            |

# When **energy** matters



## **Enclosed ATyS**

Ranging from 40A - 800A

## The choice of OEM and end users

- All-in-one solution, avoiding assembly issues
- Mechanical interlock providing isolation between sources
- Padlocking for safe maintenance operation
- Fire input Alarms and Genset Start/Stop
- Continuous product availability information
- Manual operation possible under load



Scan to know more

**socomec**  
Innovative Power Solutions

# Enclosed ATyS

## Automatic Transfer Switching Equipment

40A to 800A



Enclosed ATSE

### Advantages

#### Quick and hassle-free installation:

Efficient and timely installation is made possible with factory-fitted bridging bars and aluminium-compatible power terminals, simplifying the process of setting up the cabinet. Additionally, the ATyS controller comes pre-wired in-house, saving you valuable time during installation.

#### Fast commissioning & testing

The ATyS controller boasts 8 dip-switches, enabling swift commissioning, even offline. Essential functions such as remote position control, mode selection, lamp test, and genset test on load are easily accessible on the front of the product, ensuring quick and effortless operation.

### Function

Socomec ATyS enclosures are outfitted with high-quality motorized and automatic changeover switches. These switches continuously monitor the condition of your low voltage power sources, such as mains and backup generators, ensuring a seamless and automated transition between power sources whenever there is a disruption or voltage fluctuation.

ATyS enclosures are built for high-quality performance, quick installation, low-maintenance, and adaptability to meet diverse power requirements.

#### Low-maintenance for optimal performance:

Our ATyS models feature self-cleaning contacts, reducing the need for frequent maintenance. Enjoy a hassle-free experience and peace of mind knowing that your automatic transfer switch enclosure is designed for long-lasting performance.

#### Highly adaptable to your needs

To meet various power demands, the ATyS automatic enclosed changeover switches family offers a wide range of ratings. This adaptability ensures that our products are better suited to cater to the unique requirements of your critical applications.

### Enclosed ATyS - 4 Pole

HSN Code: 85365010

| Solution                        |       | Automatic Transfer Switch Equipment ( ATSE) |        |
|---------------------------------|-------|---------------------------------------------|--------|
|                                 |       | ENCLOSED SOLUTION                           |        |
| Standard Configuration Includes |       | - Switch<br>- C25 Controller                |        |
| Rating                          | Poles | Reference                                   | LP (₹) |
| 40A                             | 4P    | 87154004                                    | 96048  |
| 63A                             |       | 87154006                                    | 97906  |
| 80A                             |       | 87154008                                    | 100584 |
| 100A                            |       | 87154010                                    | 105530 |
| 125A                            |       | 87154012                                    | 108582 |
| 160A                            |       | 87154016                                    | 140938 |
| 200A                            |       | 87154020                                    | 143026 |
| 250A                            |       | 87154025                                    | 167000 |
| 315A                            |       | 87154031                                    | 174464 |
| 400A                            |       | 87154040                                    | 202224 |
| 630A                            |       | 87154063                                    | 236234 |
| 800A                            |       | 87154080                                    | 367872 |

# Optimise your energy performance with **Socomec**

## Metering

Measurement and monitoring multi-circuit system  
**DIRIS Digiware**



Single & Three phase energy meters  
**COUNTIS E & P**



## Measure

Measurement and monitoring multi-circuit system  
**DIRIS Digiware**



Multifunction meters: PMD  
**Diris A series (10/20/30/40)**



Digital Multifunction Power meter  
**MULTIS M-18**



Electrical network analyser  
**DIRIS Q800**



## Centralise / Monitor / Analyse

Communication gateway  
**DIRIS M & D**



Energy management software  
**WEBVIEW**



PreciSense



Discover the video



VirtualMonitor



Discover the video



AutoCorrect



Discover the video



**DIRIS Digiware BCM**

Multi-circuit current acquisition module  
with integrated sensors

The DIRIS Digiware BCM allows  
the monitoring of all types of power  
distribution units (PDUs).

- 3x quicker to install than standard solutions
- 2x quicker to configure than standard solutions
- Minimal footprint
- Maximum reliability



Scan to know more

 **socomec**  
Innovative Power Solutions

# MULTIS M-18

## Digital Multifunction Power Meter

Three phases - via CT up to 9999A dimensions 96 \* 96 mm



Multis M-18

### Functions

The MULTIS M-18 is a panel mounted digital meter displaying multi-measurement and energy values directly on its large backlit LCD display.

It is designed for utilisation on three-phase or single-phase networks with connection via CT and is suitable for applications of up to 9999A. The product can be configured by the user via the keypad and the display.

### Advantages

#### Easy to use

Thanks to its large backlit LCD display and its multiple viewing screens with direct pushbutton access, MULTIS M-18 provide clear readings and are easy to use. They directly display a number of multi-measurement and metering values.

#### Advanced functionalities

The MULTIS M-18 offers input/output functions as standard and has a RS485 MODBUS communication output.

### MULTIS M-18

HSN Code: 90318000

| Reference | Description                                                                                                                                                          | LP (₹) |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 192J9060  | Multis M-18, class 0.5s, LCD screen, U, V, I, F, P, Q, S, PF, KWH, KVARH, THD V & I, Min Max values, Imp Exp, with RS 485, with 4 Digital Input and 2 Digital Output | 12094  |

# DIRIS A-10

## Multifunction Meters - PMD

Measuring and monitoring - modular format



DIRIS A-10

### Functions

The DIRIS A-10 is a modular multifunction meter for measuring electrical values in low voltage networks with connection to current transformers.

It allows all electrical parameters to be displayed and utilised for communication and/or output functions.

### General characteristics

- Backlit LCD display.
- Direct access key for currents (instant and maximum), current THD and test function.
- Direct access key for voltages, frequency and voltage THD.
- Direct access key for active, reactive and apparent power (instantaneous and max. values) and power factor.
- Direct access key for energies.
- Pushbutton for hour meter, temperature and programming menu access.
- Metrological LED.

### Advantages

#### Easy to use

Five direct access pushbuttons enable all measurements to be clearly viewed on its backlit LCD display.

#### Integrated temperature sensor

It allows variations in temperature to be detected.

#### Detects wiring errors

An integrated test function can be utilised to detect incorrect wiring and to automatically correct CT installation errors.

### Compliant with IEC 61557-12

IEC 61557-12 is a high-level standard for all PMDs (Performance Monitoring Devices) that are designed to measure and monitor electrical parameters in distribution networks.

Compliance with IEC 61557-12 ensures a high level of equipment performance, in terms of metrology, and the mechanical and environmental aspects (EMC, temperature, etc.).

### DIRIS A-10

HSN Code: 90318000

| Reference | Description                                                                               | LP (₹) |
|-----------|-------------------------------------------------------------------------------------------|--------|
| 48250400  | DIRIS A10 W/O RS485, class 0.5s, V, I, F, P, Q, S, PF, kWh, kVARh, THDi & V, Dual source  | 23020  |
| 48250401  | DIRIS A10 With RS485, class 0.5s, V, I, F, P, Q, S, PF, kWh, kVARh, THDi & V, Dual source | 30398  |

# DIRIS A-20

## Multifunction Meters - PMD

Measurement and monitoring - door mounting



DIRIS A-20

### Functions

DIRIS A-20 units are performance metering and monitoring devices that provide the user with all of the measurements needed to complete energy efficient projects successfully and to provide assured monitoring of electrical distribution.

All of this information can be used and analysed remotely with the help of energy efficiency software programs.

### General characteristics

- Backlit LCD display
- Pushbutton for currents (instantaneous and maximum), THD currents and the connection correction function.
- Pushbutton for voltages, frequency and THD voltages.
- Pushbutton for power (instantaneous and maximum), active, reactive and effective, power factor.
- Pushbutton for energy sources and timer counter.

### Advantages

#### User-friendly operation

With its large backlit multiple-display screen with 4 hot keys, the DIRIS A-20 is easy to use.

#### Compliant with IEC 61557-12

Reference standard for PMDs (Performance metering & monitoring devices), IEC 61557-12 guarantees performance levels and satisfactory performance from the PMDs under the environmental conditions typical of industrial and tertiary applications.

#### Detects wiring errors

The DIRIS A-20 is equipped with an error correction function for CT connection.

### Customisable

Additional communication and input/output modules can extend the basic functional scope of this product. Equipped with additional modules, the DIRIS A-20 can provide the user with flexibility and expandability throughout the service life of the product.

### DIRIS A-20

HSN Code: 90318000

| Reference | Description                                                                                         | LP (₹) |
|-----------|-----------------------------------------------------------------------------------------------------|--------|
| 48250402  | DIRIS A20, class 0.5s, V, I, F, P, Q, S, PF, kWh, kVARh, max kW, kVA, kVAR, THDi & V up to 50th row | 23198  |

# DIRIS A-30/A41/A60

## Multifunction Measuring Unit - PMD

Measurement and advanced monitoring - door mounting



DIRIS A-30

### Functions

The DIRIS A-30 and A-41 are power monitoring devices that provide the user with all of the measurements needed to complete energy efficiency projects and to assure the monitoring of electrical distribution.

All the information can be used and analysed remotely using energy efficiency software packages.

### General characteristics

- Backlit LCD display
- Pushbutton for currents and for connection correction function
- Pushbutton for voltages and frequency..
- Pushbutton for active, reactive and effective powers and for power factor.
- Pushbutton for maximum and average values for currents and power levels.
- Pushbutton for harmonics.
- Pushbutton for electrical energy meters, timers and impulse counters

### Advantages

#### User-friendly operation

With its large backlit multiple-display screen with 6 hot keys, the DIRIS A-30 is easy to use.

#### Detects wiring errors

The DIRIS A-30 is provided with a correction function for TC wiring errors.

#### Customisable

The DIRIS A-30 can be equipped with additional modules that give the user flexibility throughout the service life of the product. Communication modules and additional digital or analogue inputs/outputs can be used to increase its range of functionality.

### Compliant with IEC 61557-12

Reference standard for PMDs (Performance metering & monitoring devices), IEC 61557-12 guarantees performance levels and satisfactory performance from the PMDs under the environmental conditions typical of industrial and tertiary applications.

### DIRIS A-30/A41/A60

HSN Code: 90318000

| Reference  | Description                                                                                                                                                       | LP (₹) |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 48250403** | DIRIS A30, class 0.5s, V, I, F, P, Q, S, PF, kWh, kVARh, kVAh, max & Avg( I, V, PF, kW, kVA, kVAR), THDi, V & I up to 63 <sup>rd</sup> row, 3ph current bar graph | 28304  |
| 48250404   | DIRIS A41, features same as DIRIS A30 + actual neutral current measurement through 4th CT                                                                         | 60854  |
| 48250207   | DIRIS A 60, features same as DIRIS A30 + PQM Device for Voltage Sag, Swell & Current rise recordings                                                              | 117362 |

\*\* Upto max 4 modules possible & in that upto 3 nos, 2IN/2OUT & for balance modules max 1 no. can be fitted.

# DIRIS A-30/A41/A60

## Multifunction Measuring Unit - PMD

Measurement and advanced monitoring - door mounting

### DIRIS A - Accessories

HSN Code: 90319000

| Reference | Description                                                                                                    | LP (₹) |
|-----------|----------------------------------------------------------------------------------------------------------------|--------|
| 48250080  | 1 OUT A20 module                                                                                               | 6274   |
| 48250082  | RS485 A20 module                                                                                               | 6512   |
| 48250090  | 2 Pulse A30/A41 module                                                                                         | 6224   |
| 48250092  | RS 485 Modbus Communication for ATyS p/Diris A30/41                                                            | 7424   |
| 48250093  | 2 0/4-20mA Analog Output module A30/A41                                                                        | 13984  |
| 48250094  | 2IN/2OUT A30/A41 module for alarm/trip purposes for Max V,I,F,P,Q,S, Temp,THD,V & I parameters                 | 10104  |
| 48250097  | Memory Module for A30/A41 with RTC & with storage for P+,P-,Q+,Q-, last Max/Min values for V,I,F,P,Q,THD,V & I | 24636  |
| 48250203  | Ethernet Module for ATyS p/Diris A30/41 (MODBUS TCP or RTU over TCP protocol)                                  | 33542  |
| 48250204  | Ethernet Module with RS 485 for ATyS p/DirisA30/41 (Modbus gateway)                                            | 55888  |
| 48250205  | PROFIBUS-DP A30 module                                                                                         | 29938  |
| 48250206  | Temperature module - Temp indication(Internal+3 External sensors PT 100)                                       | 28054  |

### DIRIS Q800

HSN Code: 90318000

| Reference | Description                                                                                                                                                  | LP (₹)     |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 48260100  | Diris Q800 Electrical network analyser with 192 x 144 mm color touchscreen for power quality/flicker/transient measurements/current waveform/Fresnel diagram | On Request |



# DIRIS A-40

## Multifunction Measuring Unit - PMD

Measurement, monitoring and event analysis with smart sensors - door mounting



DIRIS A-40

### Functions

The DIRIS A-40 is a panel-mounted power monitoring device (PMD). It is designed for measuring, monitoring and reporting electrical energy.

The DIRIS A-40 offers a range of functions for measuring voltage, current, power, energy and quality. It allows the analysis of a single-phase or three-phase load.

### General characteristics

- Backlit LCD display
- Pushbutton for currents and for connection correction function
- Pushbutton for voltages and frequency.
- Pushbutton for active, reactive and effective powers and for power factor.
- Pushbutton for maximum and average values for currents and power levels.
- Pushbutton for harmonics.
- Pushbutton for electrical energy meters, timers and impulse counters

### Advantages

#### Assisted configuration

The configuration wizard guides the user step by step. It also detects and corrects configuration errors. This cuts the commissioning time in half and always delivers a reliable result.

#### Smart sensors

Three current sensor formats (solid-core TE, split-core TR/ITR and Rogowski coil TF) allow integration of the DIRIS A-40 into new and existing electrical installations.

### Connected to the Cloud

The range comprises IoT ready connected products that enable data to be exported automatically for remote operation without any limit on time, distance and time in storage.

### Compliant with IEC 61557-12

Reference standard for PMDs (Performance metering & monitoring devices), IEC 61557-12 standard guarantees performance levels and satisfactory performance from the PMDs under the environmental conditions typical of industrial and tertiary applications.

### DIRIS A-40

HSN Code: 90318000

| Reference | Description                                                                                                                                                                                                                               | LP (₹) |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 48250500* | Diris A40 RS485,3I 20,CI 0.2,V, I, F, P, Q, S, PF, kWh, kVARh, kVAh, max & Avg( I, V, PF, kW, kVA, kVAR), THDi, V & I up to 63 <sup>rd</sup> row ,PQM Device for Voltage Sag,Swell & Current rise recordings                              | 60780  |
| 48250501* | Diris A40 Ethernet,3I 20,CI 0.2,V, I, F, P, Q, S, PF, kWh, kVARh, kVAh, max & Avg( I, V, PF, kW, kVA, kVAR), THDi, V & I up to 63 <sup>rd</sup> row ,PQM Device for Voltage Sag,Swell & Current rise recordings, webview function inbuilt | 72746  |
| 48250502* | Diris A40 Profibus,3I 20,CI 0.2,V, I, F, P, Q, S, PF, kWh, kVARh, kVAh, max & Avg( I, V, PF, kW, kVA, kVAR), THDi, V & I up to 63 <sup>rd</sup> row ,PQM Device for Voltage Sag,Swell & Current rise recordings                           | 85616  |

\* Mandatory to choose RJ12 cables & Adaptor Sensors with A40 meter for CT connections



# DIRIS A-100/A-200

## Multifunction Meters - PMD

Measurement and monitoring - door mounting



DIRIS A-200

### Functions

The DIRIS A-100 / A-200 are panel-mounted power quality meters that can communicate either via MODBUS RTU over RS485, MODBUS TCP over Ethernet or BACnet IP. The device's four RJ12 independent current inputs enable the management of multiple circuits of several different types: for example, 4 single-phase loads or 1 three-phase load + 1 single-phase load. A core-balance toroid can be fitted onto the A-200 for additional residual current monitoring. Most types of sensors are compatible: solid-core, split-core or flexible Rogowski coils through quick-connect RJ12 sensors.

### Advantages

#### The ultimate all-purpose power quality meter

- Native universal communication and digital inputs/outputs, eliminating the need for additional optional modules.
- Power supply up to 600VAC and network voltage monitoring up to 1039VAC.
- Multi-load management – up to 4 loads monitored on the same DIRIS A-100/A-200.

### Advanced features\*

- Waveform capture automatically triggered upon power quality events (voltage sag, swell, interruption, overcurrent) for the rapid identification of power system disturbances.
- ITIC/CBEMA curves management.
- Residual current monitoring through corebalanced toroids.

*\*Applies only to the DIRIS A-200 product*

### Plug & play

- Unique RJ12 technology enables the quick, error-free and safe connection of current sensors.
- Simple and fast configuration through a step-by-step wizard, even for the most advanced features.
- Integrated Virtual Monitor technology enables the smart monitoring of protective devices with no auxiliary contacts and no extra wiring.

### Best-in-class accuracy

PreciSense technology provides industry-leading accuracy which exceeds standards for billing, ensuring reliable and repeatable measurements under all conditions:

- Class 0.1 for the meter alone, according to IEC 61557-12 standard.
- Class 0.5 from 2% to 120% of the CT rating for the global measurement chain.
- Class 0.1s for active energy

### Fully customizable

- Splash screen and embedded webserver are easy to customise with your own brand logo and pictures.
- Customisable stand-by screen will display the measurement datasets that matter most to you.

### DIRIS A-100/A-200

HSN Code: 90318000

| Reference | Description                                                        | LP (₹)     |
|-----------|--------------------------------------------------------------------|------------|
| 48250600  | DIRIS A-100 with RJ12 SENSORS + RS485 Modbus                       | On Request |
| 48250604  | DIRIS A-200 with RJ12 SENSORS + Ethernet Modbus TCP + RS485 Modbus |            |

# COUNTIS E

## Active Energy Meters

from 40A to 12000A



Countis E Series

### Function

COUNTIS E is a range of modular electrical energy meters that provide an overview of energy consumed and produced, and also display power information and other measurements directly on the backlit LCD. COUNTIS E meters have native Ethernet communication capability and are fully integrated into the SOCOMEC monitoring ecosystem including Webview, screens, gateways and configuration software.

### Advantages

#### Quick setup

It's simple to create, edit and save product settings with the Easy config System.

#### Advanced connectivity

COUNTIS E devices are available for all applications, including the most demanding, through advanced connectivity: Ethernet, Modbus, M-Bus

#### Integrated web server

Easy data exploitation thanks to a free integrated web server accessible on a standard web browser.

#### Reliable and safe

To guarantee a 100% reliable product, the COUNTIS E range is Accurate and reliable measurements - MID "Module B+D" directive certified.

#### Multi-tariff

It's now possible to reduce costs thanks to the meter's multi-tariff function, which facilitates energy usage at the most advantageous times.

### COUNTIS E

HSN Code: 90318000

| Reference | Description                                                                                         | LP (₹) |
|-----------|-----------------------------------------------------------------------------------------------------|--------|
| 48503048  | COUNTIS E17 1PH Direct 80A,Dual tariff, Active Energy Meter with Ethernet-MID                       | 53452  |
| 48503055  | COUNTIS E27 3PH Direct 80A,Dual tariff, Active Energy Meter with Ethernet - MID                     | 71670  |
| 48503057  | COUNTIS E48 3PH Dual Tariff Active Energy Meter via CT 1/5A up to 10000 A with Ethernet - MID       | 60002  |
| 48530000  | COUNTIS ECi2 Multi-Utility Pulse concentrator With upto 7 Insulated Logical inputs                  | 47078  |
| 48530001  | COUNTIS ECi3 Multi-Utility Pulse concentrator With upto 7 Insulated Logical inputs+ 2 Analog inputs | 53172  |

# COUNTIS P

Din Rail Type AC & DC energy meters

Connection via shunts upto 4000 A



Countis P Series

## COUNTIS P0x

### Function

COUNTIS P0x are single-phase modular electrical energy meters that enable viewing of the different energies consumed and produced, and also of powers and other measurements directly on the backlit LCD display. They enable direct connection up to 45 A and are suitable for use in sub-billing applications thanks to their MID certification.

## COUNTIS P1x

### Function

COUNTIS P1x are single-phase modular electrical energy meters that enable viewing of the different energies consumed and produced, and also of powers and other measurements directly on the backlit LCD display. They enable direct connection up to 100 A and are suitable for use in sub-billing applications thanks to their MID certification.

## COUNTIS P43-DC

### Function

COUNTIS P43-DC are modular electrical energy meters for direct current (DC), that enable viewing of the different energies consumed and produced, and also of powers and other measurements directly on the backlit LCD display. They connect indirectly via a wide range of measurement shunts.

## COUNTIS P3x

### Function

COUNTIS P3x are three-phase modular electrical energy meters that enable viewing of the different energies consumed and produced, and also of powers and other measurements directly on the backlit LCD display. They enable direct connection up to 100 A and are suitable for use in sub-billing applications thanks to their MID certification.

## COUNTIS P

HSN Code: 90318000

| Reference | Description                     | LP (₹) |
|-----------|---------------------------------|--------|
| 48505004  | COUNTIS P04 1PH 45A MODBUS MID  | 9216   |
| 48505014  | COUNTIS P14 1PH 100A MODBUS MID | 9840   |
| 48505034  | COUNTIS P34 3PH 100A MODBUS MID | 19404  |
| 48505044  | COUNTIS P44 CT1-5A MODBUS MID   | 21276  |
| 48505244  | COUNTIS P44-2QCT 2RJ12 MOD MID  | 34812  |
| 48505444  | COUNTIS P44-4QCT 4RJ12 MOD MID  | 46028  |
| 194S0425  | QCT-C 3P BLOCK 25MM 40-160A     | 6238   |
| 194S0435  | QCT-C 3P BLOCK 35MM 63-250A     | 6860   |
| 194S0445  | QCT-C 3P BLOCK 45MM 160-630A    | 8576   |
| 194S0455  | QCT-C 3P BLOCK 55MM 400-1000A   | 9066   |
| 194S0436  | QCT-C-35 + 1X1M RJ12            | 11424  |

# Integrated Technologies

Groundbreaking Technologies for Greater Simplicity and Performance



## PreciSense

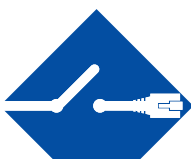
Products that are setting new standards in measurement accuracy

The PreciSense technology ensures 100% reliable accuracy across the global measurement chain.

Be guaranteed of the accuracy of your measurements:

- for the global measurement chain,
- for reliable measurements,
- for relevant corrective actions.

PreciSense offers the best accuracy on the market regardless of the type of current sensors used (solid core, split core, flexible or embedded in the DIRIS Digiware S module).



## VirtualMonitor

The simple and cost-saving solution for monitoring your protective devices

The VirtualMonitor technology enables an advanced monitoring of protective devices at all levels within the electrical installation.

Virtual Monitor:

- detects the position and status of the protective device,
- detects if the breaker has tripped,
- Counts the number of operations and trips.

VirtualMonitor technology monitors the status of protective devices:

- On your entire electrical installation (without additional space).
- Remotely and in real-time.
- Without additional hardware or wiring (without adding auxiliary contacts).



## AutoCorrect

Software elimination of wiring errors

The AutoCorrect technology ensures that the measurement is properly wired at all times, thus avoiding on-site interventions.

AutoCorrect ensures the operation of the proper measuring system thanks to simple and rapid detection of wiring errors:

- automatic wiring control (voltage/current phase association),
- correction of errors with a single click,
- feature available off-load.

Error correction's are carried out without any physical modification to the wiring.



Discover the video



Discover the video



Discover the video



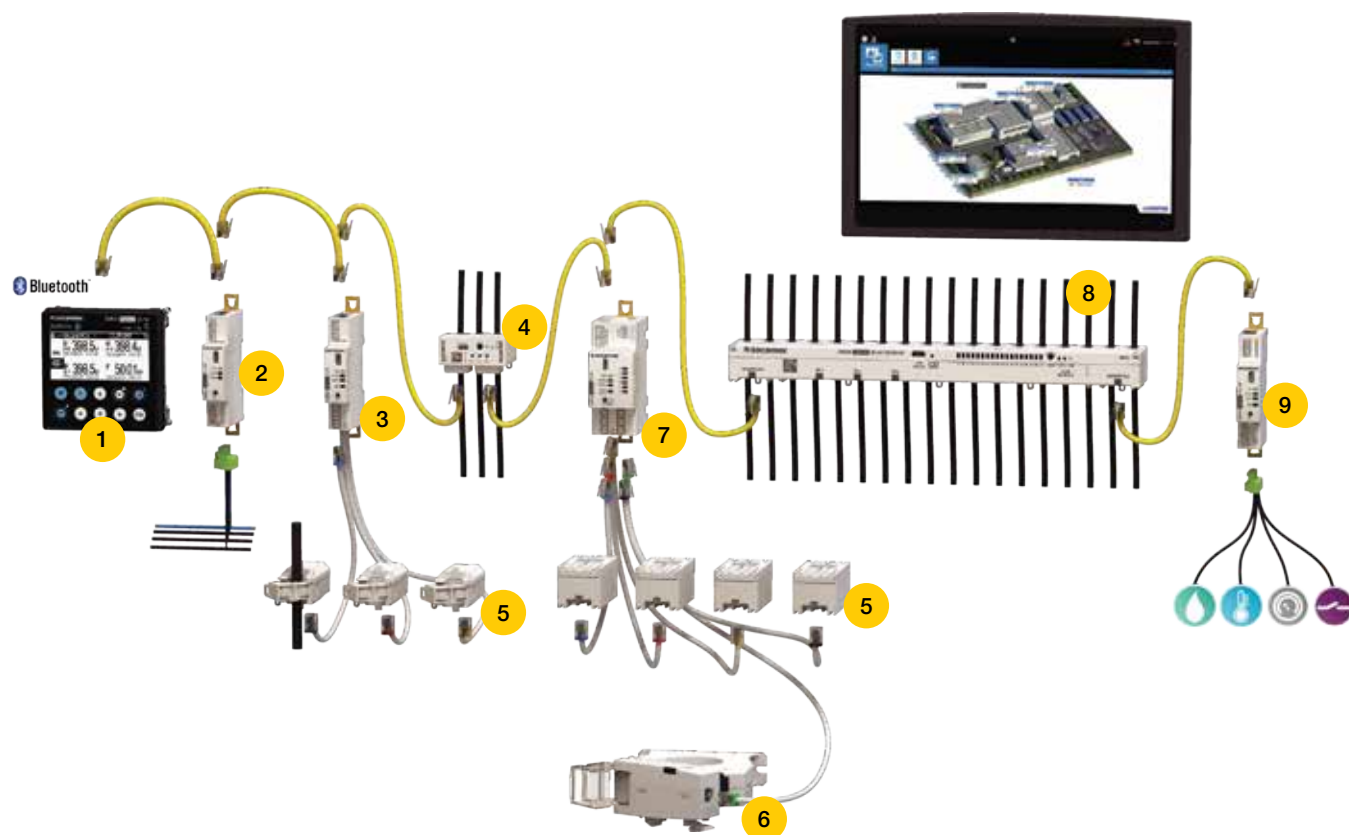
# Integrated Technologies

Groundbreaking Technologies for Greater Simplicity and Performance

PreciSense, VirtualMonitor and AutoCorrect technologies are embedded in Socomec's power monitoring solutions.

## Power metering and monitoring system for AC electrical installations

- DIRIS Digiware S with its 3 integrated sensors and DIRIS Digiware I associated with iTR sensors.



- |   |                                                                               |   |                                                                                            |
|---|-------------------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------|
| 1 | Multipoint display and communication gateway<br><b>DIRIS Digiware D</b>       | 6 | Differential toroids $\Delta$ IC                                                           |
| 2 | Voltage measurement module<br><b>DIRIS Digiware U</b>                         | 7 | Residual Current Insulation Monitor (RCM)<br><b>DIRIS Digiware R-60</b>                    |
| 3 | Current measurement modules<br><b>DIRIS Digiware I</b>                        | 8 | Current measurement module for power distribution units (PDU)<br><b>DIRIS Digiware BCM</b> |
| 4 | Current measurement module with integrated sensors<br><b>DIRIS Digiware S</b> | 9 | Digital and analogue input/output modules<br><b>DIRIS Digiware IO-10/IO-20</b>             |
| 5 | Current sensors<br><b>TE/TR/iTR/TF sensors</b>                                |   |                                                                                            |

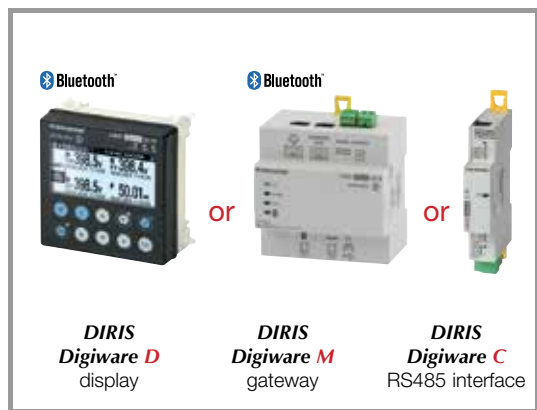
# Selection guide

## Power Monitoring System AC

### DIRIS Digiware AC

#### Build your own AC system

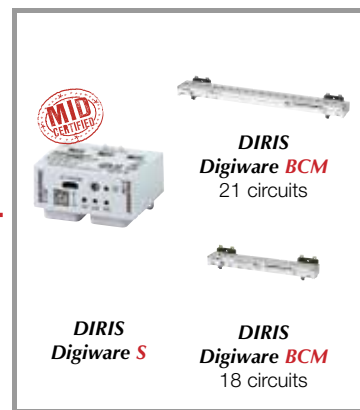
System interface, displays and gateways  
(24 VDC)



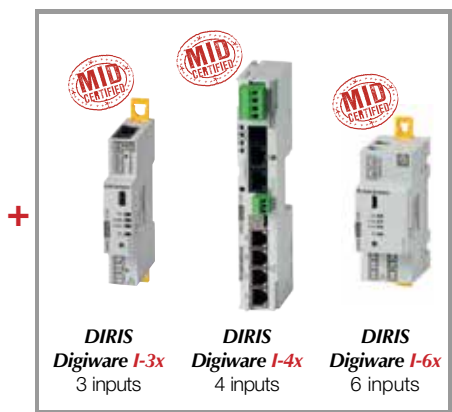
Voltage acquisition module



Current acquisition module with integrated sensors



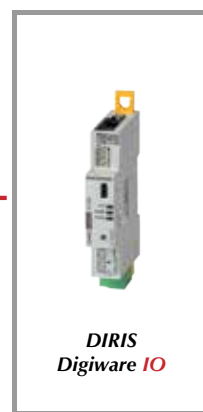
Current acquisition modules



Current sensors



Digital and analogue input/output modules



#### Find the best DIRIS Digiware configuration!



The Socomec Meter Selector is your digital assistant, helping you find the best DIRIS Digiware configuration for your power monitoring projects, and all in just a few clicks!

- Fill in information regarding your project.
- Download the system diagram and bill of material.
- All your projects are archived in your personal account.

# DIRIS Digiware M

## Multi-protocol Communication Gateways

For the DIRIS Digiware system



DIRIS Digiware M

### Functions

The DIRIS Digiware M-50 and M-70 communication gateways are the access point for the DIRIS Digiware system, centralising the 24 VDC power supply and communication in one single point. The M-50 and M-70 act as the Ethernet gateway for all the devices connected on the Digiware or RS485 bus, and integrate a web server to configure the network parameters and to remotely display measurement data.

The M-50 and M-70 gateways offer a wide range of functionalities, including:

- Bluetooth connectivity to collect data from environmental sensors,
- memory extension for connected devices,
- automatic export of logged consumption and data to an FTP(S) server,
- notification emails if there is an alarm on one of the connected devices (SMTPS),
- automatic time synchronisation of all connected devices via SNTP.

### Advantages

#### Plug & Play

- Direct Digiware and RS485 to Ethernet gateway.
- Automatic detection of connected devices.
- Easy setup.
- Safety Extra Low Voltage 24 VDC power supply.

#### Advanced connectivity

- Ethernet output for communication using multiple protocols: Modbus TCP, BACnet IP and SNMP v1, v2, v3 (encrypted) to suit any metering and power monitoring application.
- Possible to configure as RS485 slave to communicate measurement data to a second PLC, for example.

#### Embedded web server

A WEB-CONFIG is embedded in the M-50 gateway to configure the communication architecture. WEBVIEW-M is embedded in the M-70 gateway and available without license fees to visualise measurements and consumption remotely.

### Cyber security

The M-50 and M-70 gateways include advanced cyber security features following the IEC 62443 referential to secure the transmission of data and reduce the risk of cyber attacks:

- customised security policy (blocking or restricting certain protocols and services),
- secured HTTPS navigation by uploading TLS/SSL certificates,
- secured data push (FTPS, SMTPS),
- implementation of a Firewall and Whitelist rules to guard against denial-of-service attacks.

### Email notifications

The M-50/M-70 gateway can send email notifications in case of an alarm.

### DIRIS Digiware M

HSN Code: 90318000

| Reference | Description                                                              | LP (₹)     |
|-----------|--------------------------------------------------------------------------|------------|
| 48290221  | M50 : Multi-Protocol ethernet gateway                                    | On Request |
| 48290222  | M70 : Multi-protocol ethernet gateway with embedded WEBVIEW-M web server |            |

# DIRIS Digiware BCM

Multi-circuit Current Acquisition Module with Integrated Sensors for Power Distribution Units (PDU)

For 18 or 21 circuits



DIRIS Digiware BCM

## Functions

The DIRIS Digiware BCM is a multi-circuit current measurement module with 18 or 21 integrated sensors and allows the monitoring of all types of power distribution units (PDUs). These modules are also equipped with three RJ12 channels allowing them to be connected to TE/TR/ITR/TF current sensors using RJ12 cables and various  $\Delta$ IC differential toroids.

## General characteristics

- 18/21 integrated current sensors.
- Measures up to 120 A.
- Configurable as 18/21 single-phase circuits or 6/7 three-phase circuits.

## Advantages

### 3x quicker to install than standard solutions

- The integrated current sensors do not require any wiring: they are directly integrated in the module.
- Quick RJ45 connection between modules.
- RJ12 connection for external current sensors.
- Integrated AutoCorrect technology that provides automatic wiring control and an error correction feature available off-load.

### Maximum reliability

- A robust protective plastic cover safeguards the electronic components and reduces the risk of breakage. By not simply being an exposed PCB, the unit can, therefore, be handled manually.
- PreciSense technology ensures accurate and reliable measurements over a wide measurement range: class 0.5 accuracy for active energy according to IEC 61557-12 and ANSI C12.20 standards.
- Integrated VirtualMonitor technology to access the monitoring of protective devices across the entire electrical installation, both remotely and in real-time.

### 2x quicker to configure than standard solutions

Easy Config System Software - free of charge – enables the configuration of multiple identical panels with a “duplication” function and also provides time-saving configuration templates enabling the initial design to be adapted with ease.

### Minimal footprint

- No additional CT leads required - and therefore less cabling required.
- VirtualMonitor technology indicating the status of the protection elements eliminates the need to install auxiliary contacts.
- Connection to TE/TR/ITR/TF current sensors and  $\Delta$ IC differential toroids to mutualize power consumption and residual current monitoring.

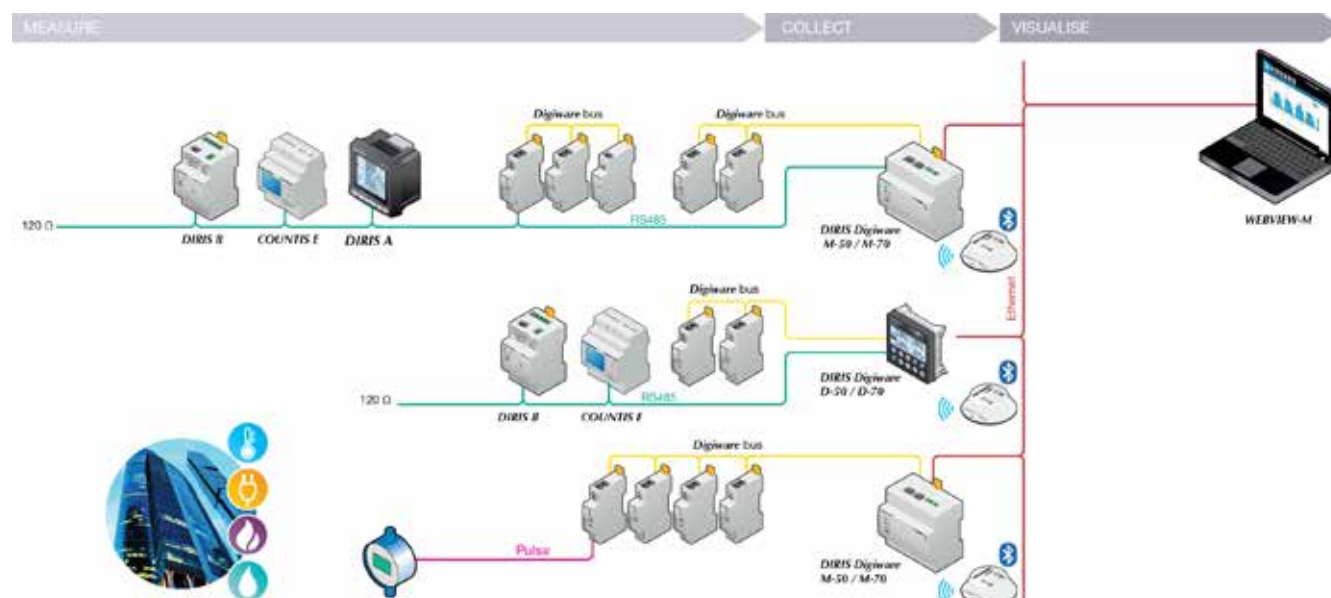
## DIRIS Digiware BCM

HSN Code: 90318000

| Reference | Description                                      | LP (₹)     |
|-----------|--------------------------------------------------|------------|
| 48290165  | 18 current inputs (18mm pitch)                   | On Request |
| 48290166  | 18 current inputs (18mm pitch) + Virtual Monitor |            |
| 48290167  | 21 current inputs (19mm pitch)                   |            |
| 48290168  | 21 current inputs (19mm pitch + Virtual Monitor) |            |

## DIRIS Digiware System

### Architecture



### Monitoring Devices

HSN Code: 90318000

| Reference | Description                    | LP (₹)     |
|-----------|--------------------------------|------------|
| 48290010  | DIRIS B-10 RS485-MODBUS-230VAC | On Request |
| 48290000  | DIRIS B-30 RS485-MODBUS-230VAC |            |



### Diris Optional Modules

HSN Code: 90319000

| Reference | Description                   | LP (₹)     |
|-----------|-------------------------------|------------|
| 48290030  | DIRIS O-iod DIGITAL MODULE    | On Request |
| 48290031  | DIRIS O-iaa 0/4-20mA MODULE   |            |
| 48290032  | DIRIS O-it TEMPERATURE MODULE |            |
| 48290033  | DIRIS O-m MODBUS RS485 MODULE |            |
| 48290034  | DIRIS O-p PROFIBUS DP MODULE  |            |



**Power Supply**

**HSN Code: 90319000**

| Reference | Description                            | LP (₹)     |
|-----------|----------------------------------------|------------|
| 48290120  | P15 AUX SUPPLY 100-240VAC->24 VDC 15W  | On Request |
| 47290603  | P30 Aux Supply 100-240VAC- > 24VDC 20W |            |



**Diris Digiware Input/Output Modules**

**HSN Code: 90319000**

| Reference | Description                             | LP (₹)     |
|-----------|-----------------------------------------|------------|
| 48290140  | IO-10- 4 digital inputs/2 output module | On Request |
| 48290145  | IO-20 - 2 analogue input module         |            |



**Display**

**HSN Code: 90319000**

| Reference | Description                                                          | LP (₹)     |
|-----------|----------------------------------------------------------------------|------------|
| 48290200  | DIRIS D-30 Single-point display                                      | On Request |
| 48290204  | DIRIS D-50 Multi-point display - Ethernet output                     |            |
| 48290203  | DIRIS D-70 Multi-point display - Webview Webserver - Ethernet output |            |



**Blind Interface & Repeater**

**HSN Code: 90319000**

| Reference | Description           | LP (₹)     |
|-----------|-----------------------|------------|
| 48290101  | C-31 SYSTEM INTERFACE | On Request |
| 48290103  | C-32 REPEATER         |            |



**Voltage Sensing Module**

**HSN Code: 90319000**

| Reference | Description                   | LP (₹)     |
|-----------|-------------------------------|------------|
| 48290105  | U-10 VOLTAGES INPUTS METERING | On Request |
| 48290102  | U-30 VOLTAGES INPUTS ANALYSIS |            |



### Closed Type Current Sensor

HSN Code: 90319000

| Reference | Description            | LP (₹)     |
|-----------|------------------------|------------|
| 48290500  | TE-18 20A SOLID CORE   | On Request |
| 48290501  | TE-18 63A SOLID CORE   |            |
| 48290502  | TE-25 160A SOLID CORE  |            |
| 48290503  | TE-35 250A SOLID CORE  |            |
| 48290504  | TE-45 630A SOLID CORE  |            |
| 48290505  | TE-55 1000A SOLID CORE |            |
| 48290506  | TE-90 2000A SOLID CORE |            |



### Open Type Current Sensor

HSN Code: 90319000

| Reference | Description                    | LP (₹)     |
|-----------|--------------------------------|------------|
| 48290555  | Split core - TR-10 - 25- 63A   | On Request |
| 48290556  | Split core - TR-14 - 40 -160A  |            |
| 48290557  | Split core - TR-21 - 63-250A   |            |
| 48290558  | Split core - TR-32- 160 - 600A |            |



### Current Sensing Module

HSN Code: 90319000

| Reference | Description               | LP (₹)     |
|-----------|---------------------------|------------|
| 48290110  | I-30 3xI METERING         | On Request |
| 48290111  | I-31 3xI METERING + TREND |            |
| 48290112  | I-60 6xI METERING         |            |
| 48290113  | I-61 6xI METERING + TREND |            |
| 48290130  | I-35 3xI ANALYSIS         |            |
| 48290129  | I-43 4xI MONITORING 2I/2O |            |
| 48290131  | I-45 4xI ANALYSIS 2I/2O   |            |



### Flexible Current Sensor

HSN Code: 90319000

| Reference | Description         | LP (₹)     |
|-----------|---------------------|------------|
| 48290573  | TF-40 100 - 400A    | On Request |
| 48290570  | TF-55 150 - 600A    |            |
| 48290574  | TF-80 150 - 600A    |            |
| 48290575  | TF-120 400 - 2000A  |            |
| 48290576  | TF-200 600 - 4000A  |            |
| 48290577  | TF-300 1600 - 6000A |            |
| 48290578  | TF-600 1600 - 6000A |            |



### RJ45 Cables

HSN Code: 90319000

| Reference | Description                                                   | LP (₹)     |
|-----------|---------------------------------------------------------------|------------|
| 48290181  | RJ45-0.32 feet / 0.10m CABLE                                  | On Request |
| 48290188  | RJ45-0.64 feet / 0.20m CABLE                                  |            |
| 48290182  | RJ45-1.64 feet / 0.50m CABLE                                  |            |
| 48290183  | RJ45-3.28 feet / 1m CABLE                                     |            |
| 48290184  | RJ45-6.56 feet / 2m CABLE                                     |            |
| 48290186  | RJ45-16.4 feet / 5m length CABLE                              |            |
| 48290187  | RJ45-32.8 feet / 10m length CABLE                             |            |
| 48290185  | RJ45 cables for BUS Digiware 164 feet / 50 m + 100 connectors |            |



### RJ12 Cables

HSN Code: 90319000

| Reference | Description                                  | LP (₹)     |
|-----------|----------------------------------------------|------------|
| 48290580  | RJ12 3x0.1m CABLE                            | On Request |
| 48290581  | RJ12 3x0.2m CABLE                            |            |
| 48290582  | RJ12 3x0.3m CABLE                            |            |
| 48290583  | RJ12 3x1m CABLE                              |            |
| 48290584  | RJ12 3x2m CABLE                              |            |
| 48290588  | RJ12 4x1m CABLE                              |            |
| 48290589  | RJ12 4x2m CABLE                              |            |
| 48290590  | RJ12 6x0.1m CABLE                            |            |
| 48290591  | RJ12 6x0.2m CABLE                            |            |
| 48290592  | RJ12 6x0.3m CABLE                            |            |
| 48290593  | RJ12 6x1m CABLE                              |            |
| 48290594  | RJ12 6x2m CABLE                              |            |
| 48290595  | RJ12 3x0.5m CABLE                            |            |
| 48290596  | RJ12 4x0.5m CABLE                            |            |
| 48290597  | RJ12 6x0.5m CABLE                            |            |
| 48290602  | RJ12 1 cable of 16.6ft/5m                    |            |
| 48290603  | RJ12 1 cable of 32.8ft/10m                   |            |
| 48290601  | RJ12 1 Cable of 164ft/50m and 100 connectors |            |



### Accessories

HSN Code: 90319000

| Reference | Description              | LP (₹)     |
|-----------|--------------------------|------------|
| 48290049  | SEALING KIT DIRIS B30    | On Request |
| 48290050  | USB CONFIGURATION CABLE  |            |
| 48290180  | END LINE RESISTANCE RJ45 |            |
| 48290598  | SPLICE PLATE x30         |            |
| 48290599  | CT/5A to 100 MV ADAPTOR  |            |
| 48290600  | SEALABLE COVER x20       |            |
| 48290280  | RJ9 1x1,5m               |            |
| 48290281  | RJ9 1x3m                 |            |





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# 7

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- Three-phase UPS
- Static Transfer System (STS)

- Industrial & transformer based UPS
- UPS for Special applications
- Connected services

### Online UPS | Static Transfer Switch(STS)

HSN Code(UPS): 85044090 | HSN Code(STS): 85369090

| Phase   | Product Name | Rating | Product code    | Product Description                                                              | LP (₹)  |
|---------|--------------|--------|-----------------|----------------------------------------------------------------------------------|---------|
| 1_Phase | ITYS-E       | 1 kVA  | ITY-E-TW010B-I  | 1 kVA Single phase online UPS with Built-in Battery                              | 27523   |
|         |              | 2 kVA  | ITY-E-TW020B-I  | 2 kVA Single phase online UPS with Built-in Battery                              | 45969   |
|         |              | 3 kVA  | ITY-E-TW030B-I  | 3 kVA Single phase online UPS with Built-in Battery                              | 53057   |
|         |              | 1 kVA  | ITY-E-TW010LB-I | 1 kVA Single phase online UPS with External Battery option                       | 23929   |
|         |              | 2 kVA  | ITY-E-TW020LB-I | 2 kVA Single phase online UPS with External Battery option                       | 40014   |
|         |              | 3 kVA  | ITY-E-TW030LB-I | 3 kVA Single phase online UPS with External Battery option                       | 44763   |
|         |              | 6 kVA  | ITY-E-TW060LB   | 6 kVA Single phase online UPS with External Battery option                       | 87192   |
|         |              | 10 kVA | ITY-E-TW100LB   | 10 kVA Single phase online UPS with External Battery option                      | 137534  |
| 3_Phase | Masterys BC+ | 10 kVA | U4BQ013E00-0100 | 10 kVA MASTERYS BC+ UPS 3/3 400V PF=1 for External Battery Cabinet               | 254182  |
|         |              | 20 kVA | U4BQ023E00-0100 | 20 kVA MASTERYS BC+ UPS 3/3 400V PF=1 for External Battery Cabinet               | 338848  |
| 1_Phase | STATYS XS    | 16A    | 3310016001      | Static Transfer Switch 16A 230V 1P 2 Wires 2 Pole Switching (19" Rack Mountable) | 49165   |
|         |              | 32A    | 3310032001      | Static Transfer Switch 32A 230V 1P 2 Wires 2 Pole Switching (19" Rack Mountable) | 98522   |
| 3_Phase | STATYS       | 63A    | 3230063006      | Statys Pack 63A 380/415V Three Phase 4 Wires 4 Pole Switching 19 Inches Rack     | 1350717 |
|         |              | 100A   | 3230100006      | Statys Pack 100A 380/415V Three Phase 4 Wires 4 Pole Switching 19 Inches Rack    | 1464164 |

\*Note: Online UPS available from 1 kVA to 5400 kVA, Static transfer switches (STS) available up to 1800 A.  
For higher rating UPS & STS, send your query to [info.in@socomec.com](mailto:info.in@socomec.com)



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## Discontinued Products

The product is available till stocks exists.

### COUNTIS E

HSN Code: 90318000

| Reference | Description                                                                                                | LP (₹)     |
|-----------|------------------------------------------------------------------------------------------------------------|------------|
| 48503058  | COUNTIS E00 1PH,Direct 40A,Active Energy Meter,1 Module width(18 mm) with vertical LCD display             | On Request |
| 48503039  | COUNTIS E03 1PH,Direct 40A,Active Energy Meter,1 Module width(18 mm) with vertical LCD display with MODBUS |            |
| 48503043  | COUNTIS E13 1PH Direct 80A,Dual tariff, Active Energy Meter with MODBUS                                    |            |
| 48503047  | COUNTIS E17 1PH Direct 80A,Dual tariff, Active Energy Meter with Ethernet                                  |            |
| 48503062  | COUNTIS E21 3PH Direct 80A Dual tariff, Active Energy Meter with pulse output                              |            |
| 48503050  | COUNTIS E23 3PH Direct 80A,Dual tariff, Active Energy Meter with MODBUS                                    |            |
| 48503054  | COUNTIS E27 3PH Direct 80A,Dual tariff, Active Energy Meter with Ethernet                                  |            |
| 48503005  | COUNTIS E30 3PH Direct 100A,Active Energy Meter with pulse output                                          |            |
| 48503006  | COUNTIS E31 3PH Direct 100A Dual tariff, Active Energy Meter with pulse output                             |            |
| 48503012  | COUNTIS E33 3PH Direct 100A,Dual tariff, Active Energy Meter with MODBUS                                   |            |
| 48503063  | COUNTIS E41 3PH Dual Tariff Active Energy Meter via CT/5A upto 12000 A                                     |            |
| 48503065  | COUNTIS E43 Dual Tariff Active Energy Meter via CT/5A upto 12000 A & with RS485                            |            |

### COUNTIS M

HSN Code: 90318000

| Reference | Description                                                                                                              | LP (₹)     |
|-----------|--------------------------------------------------------------------------------------------------------------------------|------------|
| 48C03018  | M03 1phase 45A direct - with Modbus communication via RS485; I,V,P,Q,S ,PF & 2Pulse Output Cl:1.0                        | On Request |
| 48C03019  | M13 1Phase 100 A direct - with MODBUS communication via RS485; I,V,P,Q,S ,PF & 2Pulse Output Cl:1.0                      |            |
| 48C03020  | M33 3Phase 100 A direct - with MODBUS communication via RS485; I,V,P,Q,S,PF, load curves and THD & 2 Pulse Output Cl:1.0 |            |
| 48C03021  | M43 3Phase CT 5A input with RS485 MOSBUS communication; I,V,P,Q,S ,PF,load cuves and THD & 2 Pulse Output Cl:0.5         |            |

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3.3 In the event of use, installation or storage of the goods in abnormal conditions which are not in compliance.

3.4 In the event of any changes, adjustments or repairs carried out by buyer without express agreement of the company.

The warranty does not cover the replacement or repair of the items which are due to the fault of the buyer or third party.

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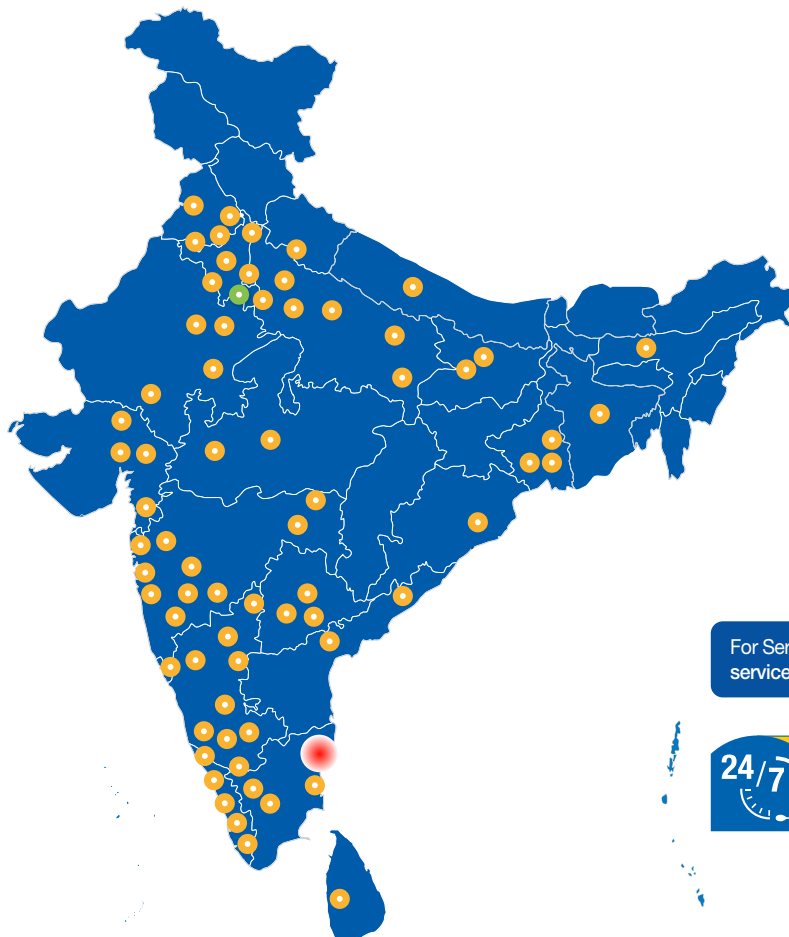


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