HENSEL

PASSION FOR POWER

Product Features

Think Dust Proof

Think Corrosion Proof

Think Safety

Think Watertight

Think Hensel

ENYCASE

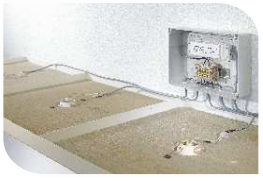
DK Cable Junction Boxes IP 65 / IP 66 / IP 67

- Material : Made of high quality Thermoplastics (Available in Polycarbonate / Polystyrene)
- Suitable for cable sizes 1.5 sq.mm upto 240 sq.mm
- Available with power / control terminals, cable glands & other accessories
- Internally embedded gasket technology
- Captive lid screws made of stainless steel to prevent corrosion
- Lid screw with quick fastening metric thread which reduces lid fixing time
- Dust caps to prevent ingress after mounting & to achieve total insulation
- Variable terminal position for different incoming & outgoing configurations
- Vibration resistant & high mounted terminals
- Pre - moulded knockouts eliminate need to drill cable entries at site
- Boxes with plain walls available for customized cable entry requirements
- Wall mounting with elongated holes for adjustments after fixing
- Grommets available for conduit entry
- Fixing dimensions engraved in each junction box
- Conforms to RoHS Directive 2002 / 95 / EC
- Labeling system for circuit description
- Sealing provision available for all junction boxes
- Anti - condensation knockouts in entire range
- Complies with requirements of IEC 60998-1, 60998-2-1, 60670-22, 60998-2-5
- Temperature resistance: - 40°C to 70°C for DK and - 40°C to + 100° C for KF / KX / KD

Junction boxes for specific application areas

Cable entry via metric knockouts
From 1.5 up to 240 mm²
IP 65 / IP 55
cable entry via grommets or glands

750° C
Flame Resistant
Self Extinguishing



Box walls without knockouts, can be drilled individually
for customized requirements
From 1.5 up to 50 mm²
IP 65 / IP 55

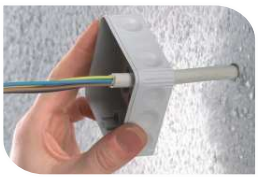
Cable entry via grommets, cable can be inserted from the front
From 1.5 up to 4 mm²
IP 54

Highlights
·Dust proof ·Water tight ·Impact resistant ·UV resistant and Weather proof ·Acid resistant
·Halogen free ·Silica free ·Recyclable and environment friendly

HENSEL

ENYCASE

Junction boxes for specific application areas

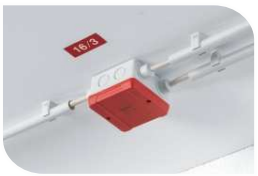


Cable entry via elastic membranes from the rear and by box walls and lid for clip-on attachment

From 1.5 up to 2.5 mm²
IP 55

With terminal blocks for aluminium -(Alu) and copper (Cu) conductors

Cable entry via metric knockouts
from 1.5 up to 240 mm²
IP 66 / IP 55



For security lighting circuits with red lid

Cable entry via metric knockouts
from 1.5 up to 4 mm²
IP 55 / IP 65

Screwless FIXCONNECT® Plug-in technology

From 1.5 up to 16 mm²
IP 65 / IP 55
cable entry via metric knockouts

For harsh environment

Cable entry via metric knockouts / plain wall
IP 66
From 1.5 up to 50 mm²
Available with UL / CSA approval

For offshore / heavy duty applications

Cable entry via metric knockouts
IP 66 IP 67
From 1.5 up to 35 mm²
saltwater - proof

For zone 2 / Zone 22 area

Cable entry via metric knockouts and cable glands AXM
From 1.5 up to 25 mm²
IP 65

Functional Integrity

Material : Duroplastic
From 0.5 up to 16 mm2
cable entry via included grommets
IP 65
Mechanical load : IK 06 (1 Joule)
Protection against electric shock: insulated

Material : Sheet steel
From 0.5 up to 16 mm2
cable entry via included grommets
IP 65
Mechanical load : IK 08 (5 Joule)
Protection against electric shock: insulated

Highlights

·Dust proof ·Water tight ·Impact resistant ·UV resistant and Weather proof ·Acid resistant
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HENSEL

ENYBOARD

KV Circuit Breaker Boxes IP 65

- Material : Made of Thermoplastic (Available in Polycarbonate / Polystyrene)
- Suitable for installation of all MCBs / DIN Rail equipment upto 63A
- Available from 3 modules upto 54 modules in 1,2,3 & 4 tier versions
- Captive lid screws made of stainless steel to prevent corrosion
- Integrated PE & N terminal with captive & shrouded screws
- Raised PE & N terminals with more space for cable entry
- Incorporated compartment to store accessories like screwdrivers, fuses, wiring diagrams
- Lower side walls provides for easy access to mount equipment & for wiring
- Two depth mounting provision for DIN Rail
- Sufficient marking space - circuit marking strips provided with acrylic membrane
- Dust caps to prevent ingress after mounting & to achieve total insulation
- Cable entry cover to hide incoming & outgoing cables
- Transparent door with provision for left or right side hinge
- KV “Extra” Circuit Breaker Boxes available with additional space to mount terminal blocks or other electrical devices, which are not to be manually actuated
- Locking provision with lock & key as accessory
- Threaded connecting glands for lateral assembly of boxes
- Conforms to RoHS Directive 2002 / 95 / EC
- Conforms to requirements of IEC 60439-3 and the new standard IEC 60364-4-41 (Protection against electric shock)
- Temperature resistance : - 40° C to + 70° C for normal range and - 40° C to + 100° C for KV PC

750° C
Flame Resistant
Self Extinguishing

With new FIXCONNECT® technology

NEW!

KV circuit breaker boxes in polycarbonate

960° C
Flame Resistant
Self Extinguishing

KV Empty Boxes IP 65

- For installation of equipment on DIN Rails or mounting plates
- Suitable to install Contactors, Relays, Timers, Sensors, Terminal blocks, Push buttons, Meters, MCBs, ELCBs etc.,
- 4 sizes with transparent / opaque hinged lid
- Sealing provision available
- Available with fastener for tool operation
- Lower side walls of enclosures provides for easy access to mount equipment and for wiring

750° C
Flame Resistant
Self Extinguishing

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HENSEL

ENYMOD

Mi Distributors IP 65

- Material: Made of Thermoplastic (Polycarbonate)
- Temperature resistance - 40°C to + 120°C
- Modular enclosure system for equipments upto 630 A
- Box system within a common grid of 150mm with 5 box sizes
- Choice of transparent or opaque lids
- 2 different lid heights
- Quick action fasteners - lock and unlock with half (180) Screw turn
- Sealing, locking and hand operating provisions available
- Bottom parts with pre - moulded knock outs on all sides for cable entry
- Wall mounting by use of external mounting brackets or bolts
- Combinable & Extendable by use of gasket and wedge connector set
- Plenty of fastening points in the box allows for variable equipment assembly.
- Available with all required accessories like extention frames, protection plates, cable entry flanges, spacers, mounting plates, busbars, supports, wall dividers etc
- New range of boxes with hinges

960° C
Flame Resistant
Self Extinguishing

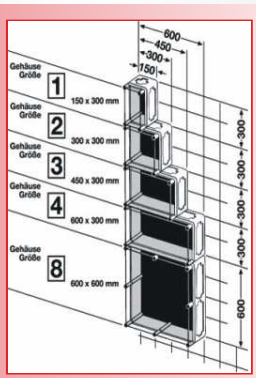
Customized solutions?
Contact us!

ENYMOD

Mi Combinable Panel Systems IP 65

ASTA type tested

CPRI type tested



- Material: Made of Thermoplastic (Polycarbonate)
- Temperature resistance - 40°C to + 120°C
- Customized as per individual requirements upto 1000 A
- Type tested switchgear assemblies (TTA) according to IEC 60 439-1
- Protection class II, total insulation
- Suitable for various makes of components / switchgears
- Combinable and extendable in all directions
- Can be assembled without any sophisticated tools
- Each panel system individually tested
- Routine test certificate delivered with the system

960° C
Flame Resistant
Self Extinguishing

Customized solutions?
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HENSEL

ENYFIT

Cable Entry Systems IP 65 / IP 55 / IP 54

- Material made of TPE / Polyamide
- Available in sizes from M 12 to M 63
- Cable glands with checknut IP 65, made of polyamide
- Cable grommets IP 65 for conduit entry
- Stepped cable glands IP 54

NEW!

Combi Climate Glands IP 66 / IP 67

- Cable entry and ventilation in one!
- Degree of protection of enclosure is obtained
- Reliable avoidance of damage to electrical and electronic operational devices by accumulation of condensed water

ENYSTAR

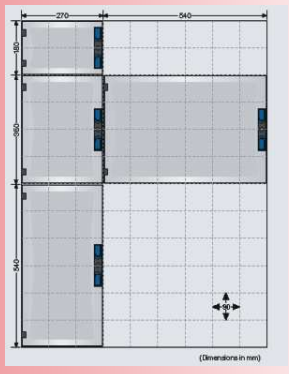
FP Combinable Enclosure System With Door IP 65

- Material : Made of high - quality thermoplastic (Polycarbonate)
- Temperature resistance - 40°C to + 120°C
- Open walls, alternatively closed
- For the assembly of distribution boards up to 250 A, IP 65

  Type -tested system in accordance with IEC 60 439 - 1 (TTA)
- **4 enclosure sizes:**
- 270 x 180 mm
- 270 x 360 mm
- 270 x 540 mm

  540 x 360 mm

Customized solutions?
Contact us!



Highlights

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HENSEL

ENYCON

Assemblies for Construction Sites IP 44 / IP 65

- Material : Thermoplastic (Polycarbonate) / synthetic rubber
- Degree of protection : IP 44 / IP 65
- Insulated and shock proof
- As per IEC / EN 60439-4
  (”Particular requirements for Assemblies for construction sites”)
- Outgoing Via Insulated industrial type or domestic sockets
- Inner cover for additional protection for operators
- Choice of mounting frames

Highlights

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HENSEL

walther Elektrotechnische Systeme CEEtyp

Insulated Plug Sockets IP 44 / IP 67

Wall Mounted Appliances Inlet

Schuko Socket

Coupler Watertight

Coupler Angled

Plug Straight

Test Plug

Socket Straight

MONDO Socket

Suspension Unit

Interlocked socket with MCB provision

Hard Rubber Portable Distribution Unit

Multiple Extension Units

- As per IEC 60309 - 1 / 2
- Safe & reliable power connection
- Excellent load carrying capability
- Large variety of models
- Designed to connect & disconnect under load
- Prevents incorrect mating of non - compatible devices
- Color coding according to Voltage range
- High grade virgin thermoplastic materials
- Excellent high class surface finish
- Non - metallic, anti - corrosive, dust & moisture proof
- Ergonomic design for comfortable handling
- High quality machined contacts with low tolerances
- Two contact screws with all devices
- Contact screws with universal heads, captive & open
- All metal parts with adequate corrosion protection
- Multi - Contact lamellas in all 125 A sleeve contacts
- Internal fold out strain relief for ease of installation
- Customized as per individual requirements
- Great variety of products including many special versions
- Modifications to customer specifications possible
- Available in
  - Thermoplastics
  - Hard Rubber
- Protection degree up to IP 67 depending on IP degree of appliances used
- Knock - out cable entries at top and bottom
- Fire retardant & self extinguishing
- VDE approved design (VDE / GS)
- Each combination individually tested
- Routine test certificate delivered with the devices

Flame Resistant
Self Extinguishing

Plug sockets for
electric charging vehicles
Contact for more details...

Highlights

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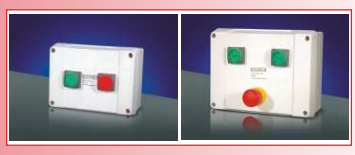
HENSEL

SCHLEGEL ELEKTROKONTAKT

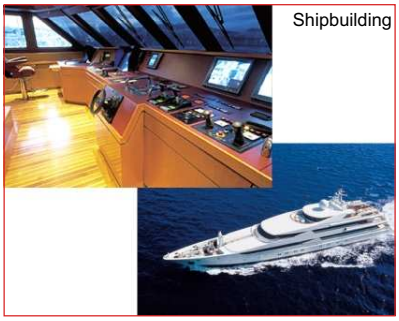
Control Units IP 65

- Large range of control units for all applications
- Protection class II, total insulation
- Great number of marking possibilities
- Interchangeable nameplates available
- Finger protected connections for contact blocks
- Snap fit arrangement for mounting contact blocks
- Degree of protection : IP 65
- Material of Construction : Polyamide 6.6 / Polyamide 12 (partially reinforced)
- Contact Blocks : Silver - Nicked Alloy (Gold plating on request)
- Terminals : Tin plated brass
- Mechanical life : 1 million operations
- Electrical life : 1 million cycles at rated loads
- Bouncing time : < 9 ms
- 19 different ranges of control units combine perfect function with innovative designs.
  The mounting dimensions range from
  16 mm and 22 mm dia., 23 X 23 mm,
  24 X 24 mm, 26 X 26 mm,
  48 X 24 mm to 30 mm dia.



Push Button Station IP 65

- Material of Construction : High grade thermoplastic
- Customized solutions available with ammeter, selector switch options.
- Halogen- free, silicon free & recyclable



Winner of innumerable design awards

Highlights

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HENSEL

schill

Cable Drums / Cable Reels / Hose Dispensers

Cable Drums:

- Cable drums made of special rubber
- Enclosure material - Special hard synthetic rubber
- UV, Chemical resistant
- Mobile options available
- Insulated and shockproof

Cable Rollers: Suitable from 0.75 sq mm up to 4 sq mm and are available in minimum 3 meters up to a maximum of 33 meters of cable length.

Hose Rollers : Suitable from NW4 up to NW13 and are available From 3 meters up to a maximum of 25 meters length.

- Available in wall mount, and universal ceiling Indoor & Outdoor versions.
- Built - in automatic lock to hold the cable or hose

AGRO ... your quality-connection!

Synthetic Cable Glands IP 68

New

Syntec® synthetic cable glands with innovative lamellar technology. The movable articulated lamellas provide large clamping and sealing areas for secure and flexible everyday use. Pre- attachment of the compression nut is a unique feature that also makes overhead installation much easier.

- Made of high quality PA6 to UL 94V2
- With short or long entry thread
- TPE or CR sealing ring with good chemical resistance.
- Black execution RAL 9005 specially resistant to atmospheric corrosion.
- Available in Pg thread, Metric thread, NPT thread and Gas-pipe thread.
- Sealing direction housing by means of sealing section.
- Standard or reducing sealing rings.
- Strain relief and anti - torsion device.
- Protection class IP 68
- Tested to EN 50262 (metric types)
- Halogen free

Highlights

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HENSEL

ENYSUN

Standardized Photovoltaic Distributors IP 65

as per IEC 60364-7-712

DC / AC

PV generator junction boxes

- Rated current : 30 A
- Rated insulation voltage : DC 1000 V (UOC STC)
- For solar inverters upto 9 kWp, 1~
- Protection class : II
- Degree of protection: IP 65
- Suitable for outdoor installation and harsh environment
- UV resistant
- Plug-in connections for PV Strings
- Plug-in connections for outgoing cables of solar inverter
- Lightning protection type II for PV plants
- Ready for connection
- With external brackets for box fixing

DC / AC

PV solar inverter collectors

- For solar inverters up to 7 kW, 1~ for solar inverters
- upto 21 kW, 3~
- Max. Operating current 30A for each solar inverter, 1~, 3~
- Rated current : 100 A, 200 A
- Rated voltage : AC 500 V
- Protection class : II
- Degree of protection : IP 65
- Suitable for outdoor installation and harsh environment
- Set as kit system
- At any time extendable

Customized solutions?

Contact us!

PV generator junction boxes with string overload protection or blocking diodes.

Highlights

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HENSEL

THE ELEKTRO Tipp

Customer information for electro-technical specialists

Think Impact proof

Think Self extinguishing

Think Acid proof

Think Shock proof

Think Hensel

The Elektrotipp is a new initiative from Hensel to inform specialists on latest trends and best practices in the electrical installation area.

This newsletter which is published 3 times a year will focus on elaboration of international standards for safe products in electrical engineering.

The printed version of the Elektrotipp is available on request.

For subscription please write to info@hensel-electric.in

In Germany, Elektro-Tipp has been published for more than 25 years – it appears quarterly and has a fine reputation among the experts.

ENYGUIDE

Design configurator for distribution boards - simple, quick and intelligent software for easy designing.

Configurator supports project engineers
- Online via internet
- Offline

Visit @ www.enyguide.eu

Hensel Electric India Pvt. Ltd.

35, Kunnam Village, Sunguvarchathram Walajabad Road,
4th km behind Samsung / Flextronics, Sriperumbudur 631 604.
Kanchipuram Dist., Tamil Nadu. INDIA

Phone: 00 91 44 3727 0202
Fax: 00 91 44 3727 0200

Email : info@hensel-electric.in
Website: www.hensel.in

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