



ENYMOD – THE
POWER DISTRIBUTION BOARD
FOR PRO'S

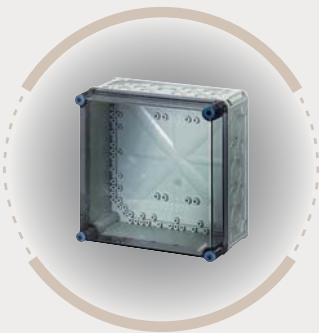
hensel-electric.de

HENSEL



Mi-Power distribution boards up to 630 A

combinable enclosure system, insulation-enclosed, total insulated, degree of protection IP 65, for the assembly of power switchgear and controlgear assembly (PSC) up to 630 A in accordance with IEC 61439 Part 2



Empty boxes

24_31



Circuit breaker boxes

with or without PE and N terminals /
with or without hinged cover

32_37

MORE THAN 90 YEARS OF EXPERIENCE – YOUR ELECTRICAL ENERGY POWERS US

Electrical energy flows everywhere. It provides light, heat and movement. As a family-owned company operating worldwide, we guarantee the safe distribution of electrical energy in industry, commerce and infrastructure.

With over 1,000 employees, 640 of them in Germany, 14 subsidiaries in Germany and abroad, we have been operating successfully in the market for over 90 years. We work enthusiastically to take our products and services to the next level. Solutions for photovoltaics and e-mobility are becoming increasingly important. In this way, we are making an active contribution to the energy transition and working towards a safer electric future.

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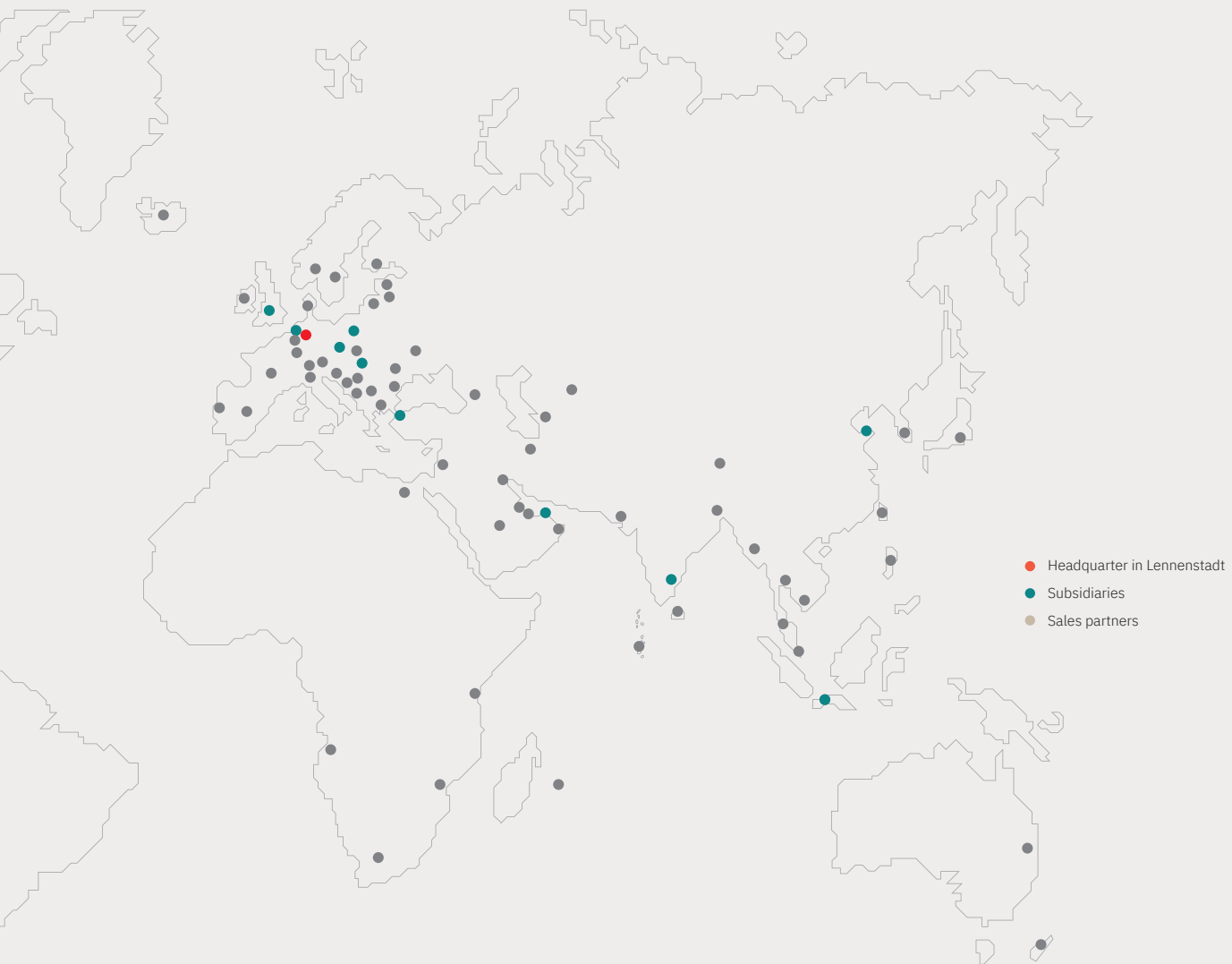
FAMILY
COMPANY



SINCE
1931

International presence

HENSEL guarantees local support and a high degree of availability thanks to its 4 locations in Germany, 10 locations own by HENSEL and 60 international partners.



MORE THAN 60 INTERNATIONAL PARTNERS



ELECTRICAL INSTALLATION AND DISTRIBUTION SYSTEMS



1000 EMPLOYEES



13 SUBSIDIARIES NATIONALLY AND INTERNATIONALLY

COMBINABLE ENCLOSURE SYSTEM

for the assembly of power switchgear and controlgear assemblies (PSC) up to 630 A

MI POWER DISTRIBUTION
BOARDS UP TO 630 A


IP
65





For protected outdoor installation, here e.g. with protective roof

Safe, even in extreme environments with dust, dirt, moisture and in harsh industrial atmospheres.

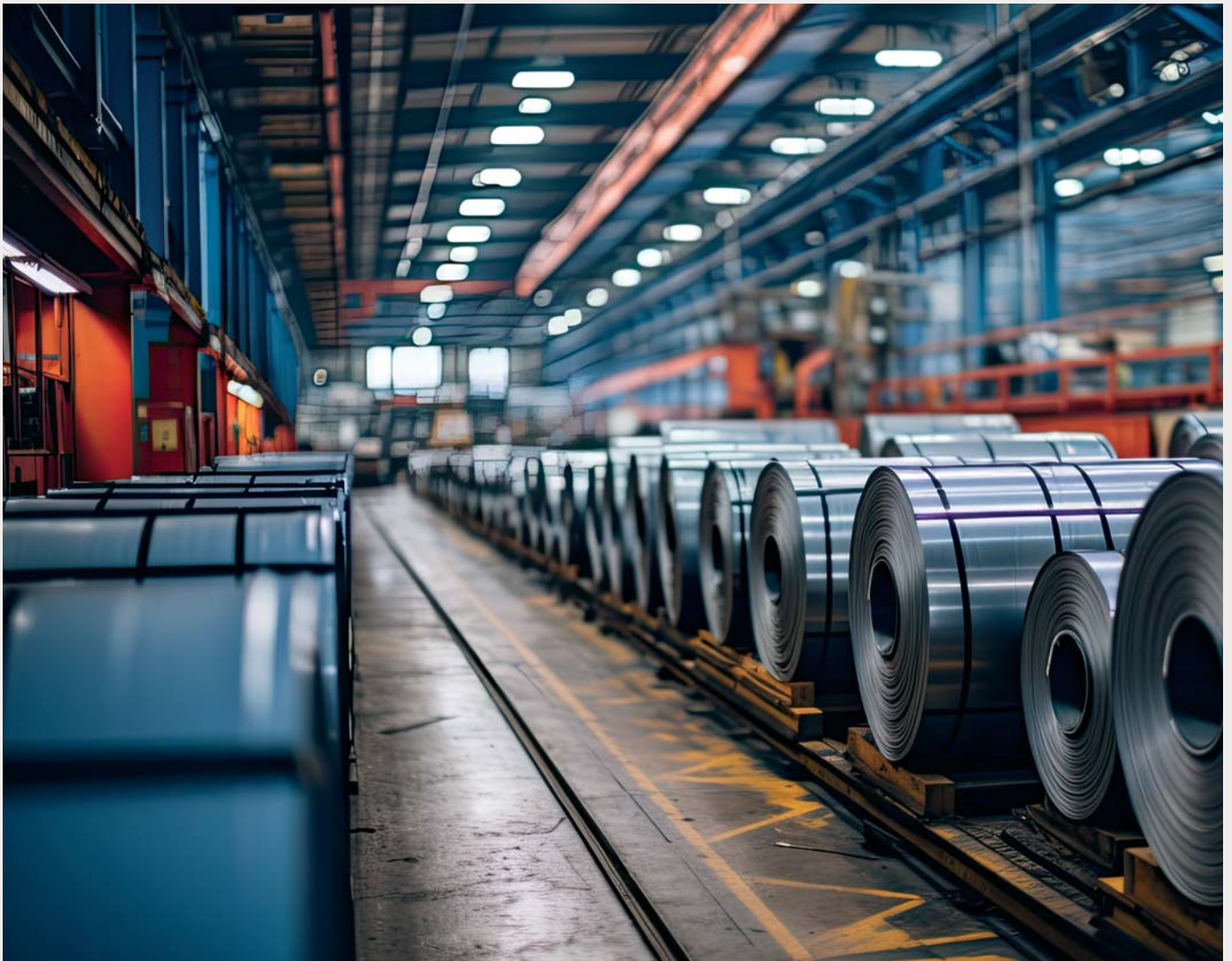
- + Combinable enclosure system
- + Power distribution box up to 630 A as power switchgear and controlgear assembly (PSC)
- + In accordance with IEC 61439-2 (VDE 0660-600-2)
- + Degree of protection IP 65
- + Protection Class II, 
- + EMC-compatible busbar system
- + Suitable for indoor and protected outdoor installation
- + Functional boxes with standardised assemblies up to 630 A
- + Resistant in commercially used objects, in harsh industrial atmospheres and demanding environmental conditions.

POWER SWITCHGEAR AND CONTROLGEAR ASSEMBLY (PSC) IN ACCORDANCE WITH IEC 61439-2

Safe in dust, dirt, moisture and harsh industrial atmospheres

Material

- + Burning behaviour: Glow wire test IEC 60695-2-11, self-extinguishing, flame retardant
- + UV-resistant in accordance with IEC 61439-1, para. 10.2.4: The material is tested for UV resistance.
- + Toxic behaviour: silicone- and halogen-free
- + Chemical resistance: resistant to acids, alkalis, petrol and mineral oil



Enclosure system

- + Functional boxes with standardised assemblies up to 630 A
- + Functional boxes for measuring energy data
- + Thermoplastic touch protection covers
- + Touch protection covers with protected, editable and undetachable labelling strips
- + Operable devices with touch protection cover
- + Mounting plates for device installation
- + Cable entries on all box walls and via flanges with metric knockouts or elastic sealing membranes or cable insertion up to 72 mm cable diameter
- + Panel feed-throughs with large openings for the electrical connection between the boxes
- + Cable entries on all box walls via metric knockouts, via flanges with metric knockouts or elastic sealing membranes or cable insertion up to 72 mm cable diameter
- + Wall mounting directly on the box, via external brackets or with mounting rails
- + Sealing and locking option
- + Main busbar system EMC-compliant, with N/PEN conductor in the area of the outer conductor and N conductor with the same current carrying capacity as the outer conductor



HIGH-QUALITY MATERIAL

For demanding applications

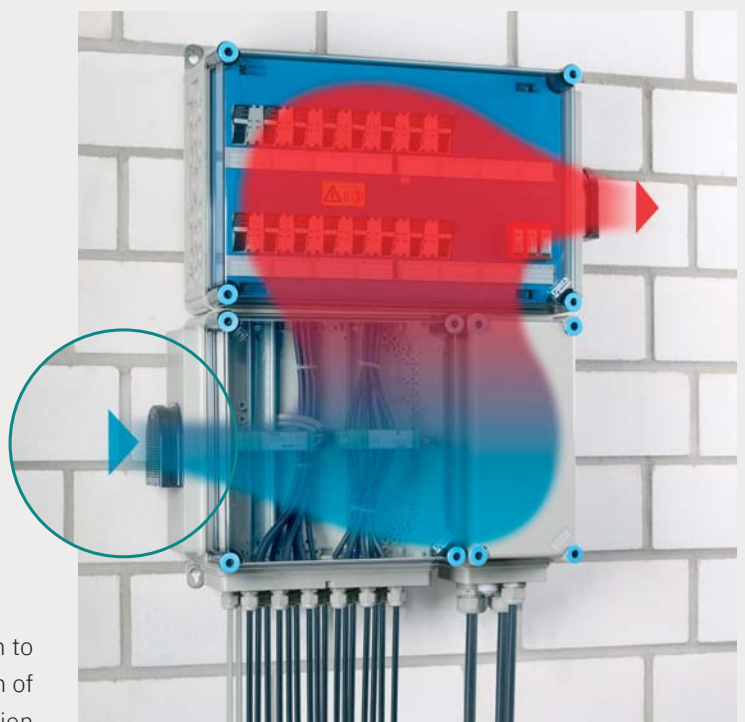


- + Flame-retardant, self-extinguishing
Burning behaviour: Glow wire test 960°C
in accordance with IEC 60695-2-11
- + UV-resistant

Robust and resistant: Resistant to dust and water, Mi distribution boards withstand heavy loads.



Safe, even in extreme outdoors weather conditions, e.g. with protective roof.



Ventilation option to reduce the formation of condensation

LIGHT AND FLEXIBLE

In assembly, connection and installation

Cable slot allows cables to be inserted from the front



Removable box fin to insert cables via two boxes or a simpler wiring



External brackets, mounting rails or mounting frame for wall mounting

MODULAR ENCLOSURE SYSTEM

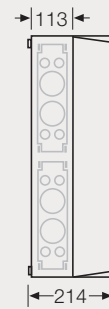
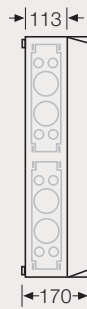
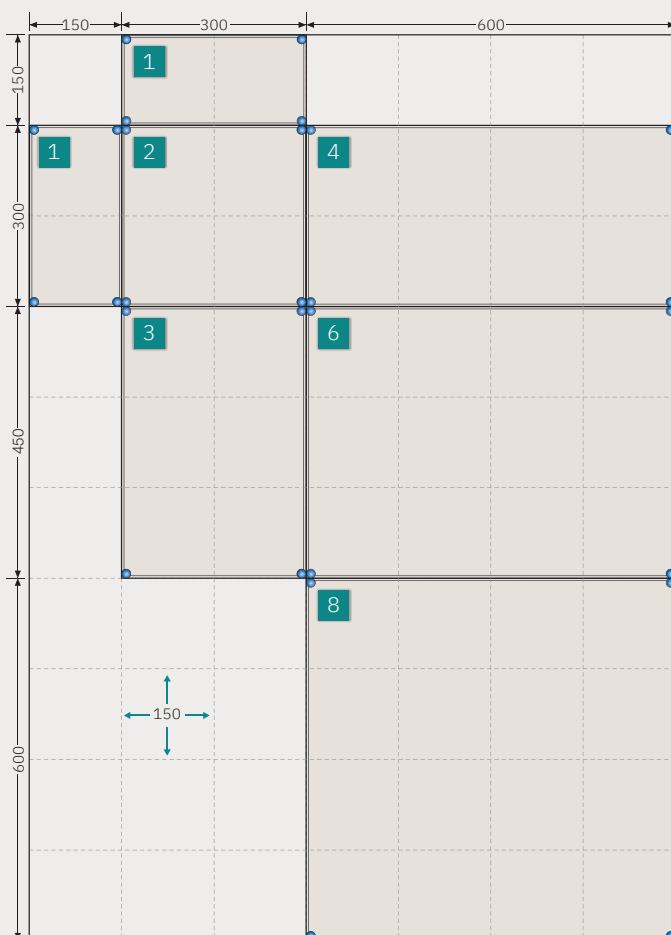
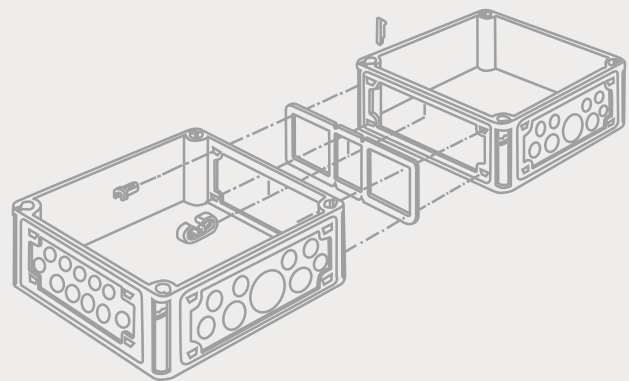
to built up power switchgear and controlgear assemblies

6 BOX SIZES
COMBINABLE!



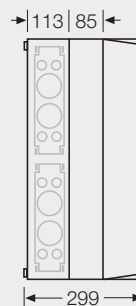
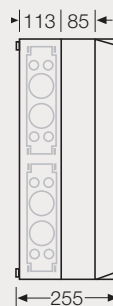
Combinable in all directions

- + Six box sizes can be freely combined in all directions and can also be used as individual boxes
- + The combinable enclosure system is ideally suited for the quick and easy construction of power switchgear assemblies (PSC) up to 630 A
- + Box size 6 (600 x 450 mm): Due to an enlarged terminal compartment directly in the housing, some electrical functions can be installed more economical.
- + 6 box sizes:
 - 1_ 150 x 300 mm
 - 2_ 300 x 300 mm
 - 3_ 450 x 300 mm
 - 4_ 600 x 300 mm
 - 5_ 600 x 450 mm
 - 6_ 600 x 600 mm



Enclosure depths

Different enclosure depths allow the installation of deeper devices.



Extension frame

for box sizes 4, 6 and 8 increase the enclosure depth by 85 mm in each case.

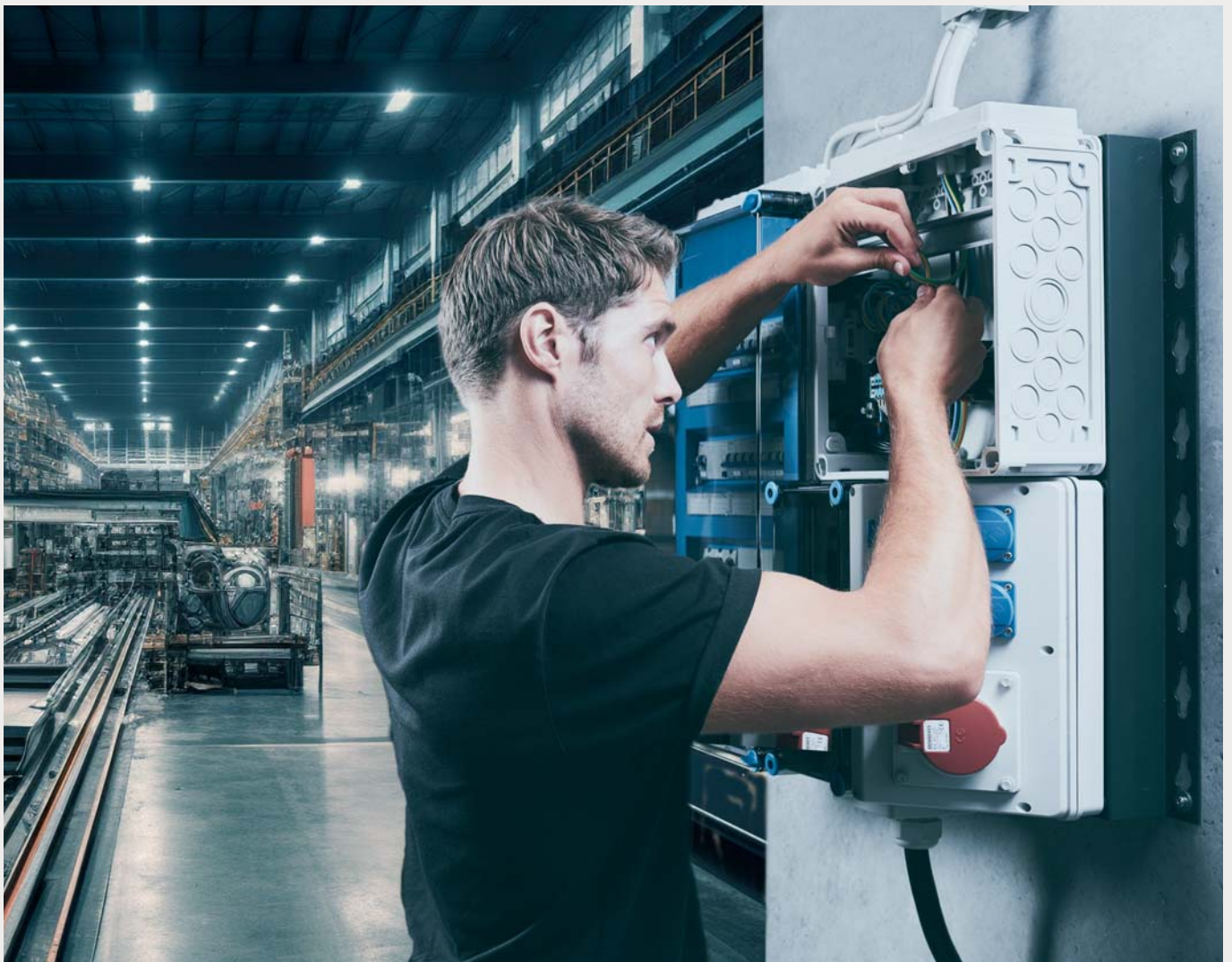


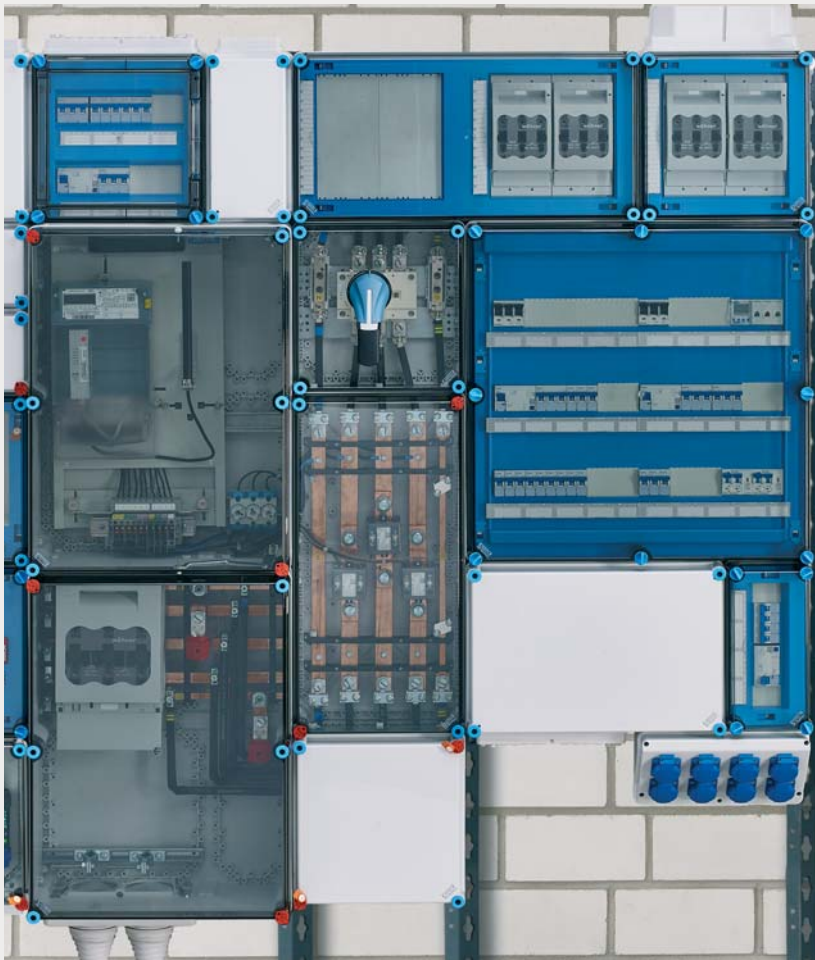
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MODULAR ENCLOSURE SYSTEM

Mi-Power distribution board are highly adaptable for confined spaces in industrial and commercial operations

- + modular
- + with high degree of protection
- + can be combined in all directions (vertical and horizontal)
- + Different cover heights and intermediate frames allow the installation of devices with different installation height

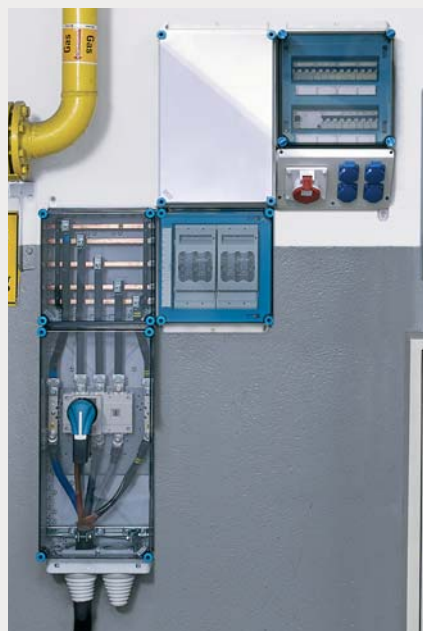




Transparent lids
 Electrical functions are always in view thanks to transparent covers. Errors can be localized immediately. The current flow is always visible from the outside in the case of a error and for retrofitting.

Dimensionally stable and safe
 Mi- boxes give way in the event of an impact or shock and immediately spring back to their original shape. Brief contact with live parts does not trigger a short circuit. Personal protection remains.

Flexible and expandable even when retrofitting additional circuits. Depending on the number of additional circuits required, box sizes are available to match. They can be mounted horizontally or vertically on any enclosure wall in a 150 mm grid.



DEPENDENT ON THE SYSTEM

Electrical parameters



Rated voltage: max. 690 V a.c.
 Rated insulation voltage: 690 V a.c., 1000 V d.c.
 Rated current max. 630 A
 Rated short-time withstand current max : max. 21 kA

Electrical Rated values

System properties



Environmental conditions

Ambient temperature

- + for distribution boards in accordance with IEC 61439:
 -5 °C up to 35 °C, max. + 40 °C,
 Relative humidity: 50% at 40 °C,
 100% at 25 °C
- + for empty enclosures:
 - 25 °C up to + 70 °C

The climatic influences and effects on the equipment are to be considered, see technical details /operating and ambient conditions



Impact strength

Degree of protection against mechanical load IK 08 (5 Joules) in accordance with IEC 50102



Application area

The enclosures are suitable for protected outdoor installation.
 However, the climatic influences and effects on the operating equipment must be taken into account.



Protection against foreign solid objects and direct contact

Dust-proof
 Degree of protection IP 65



Insulation

Insulated enclosures
 (Protection Class II)

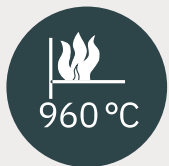


Protection against ingress of water with harmful effects

Protected against water jets
 Degree of protection IP 65

DEPENDENT ON MATERIAL

Material properties: Polycarbonate



Burning behaviour

Glow wire test 960 °C in accordance with IEC 60695-2-11 self-extinguishing, flame retardant



Chemical resistance

Resistance against acids 10% and alkaline 10%, petrol and mineral oil



UV resistance

UV resistance according to IEC 61439-1 para. 10.2.4: The material is examined for UV resistance.

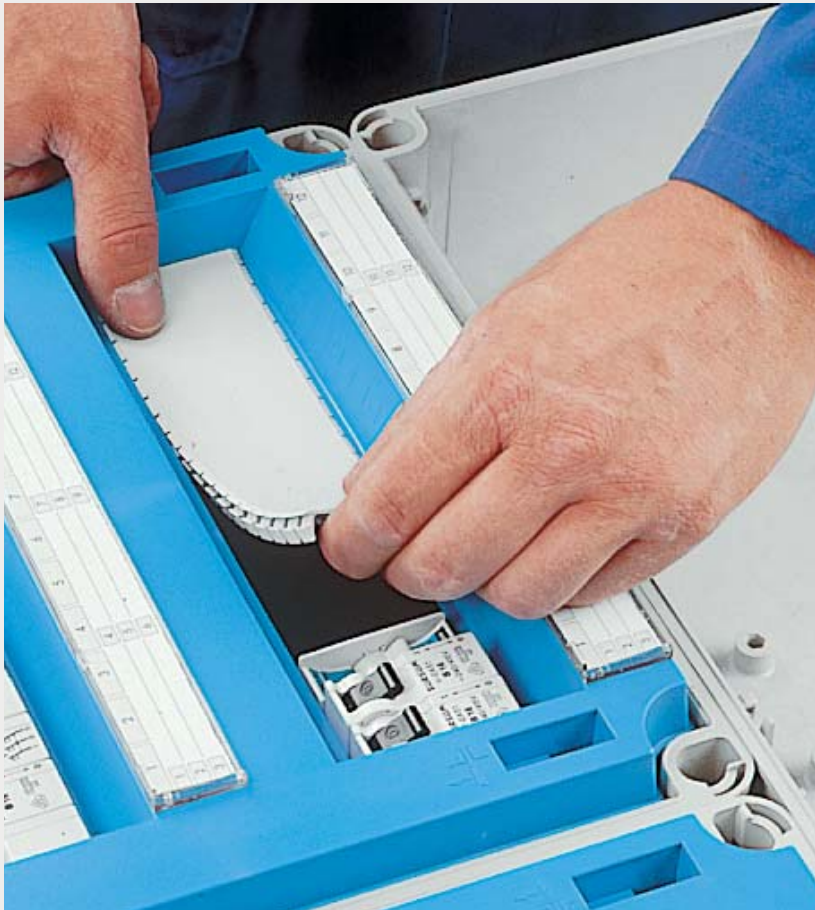


Toxic behaviour

Silicone- and halogen-free

SAFETY FOR PERSONS

by total insulation



Cover strips cover device cut-outs so that they are touch-proof

Complete protection against accidental contact for devices that can be operated and devices that are contacted on busbars



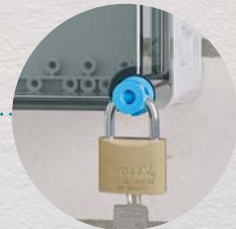
THAT'S JUST RIGHT!
ACCESSORIES FOR
REAL PRO'S.



Protection class II,
(protective insulation)

ALWAYS THE SUITABLE LOCKING SYSTEM

for access and operation areas

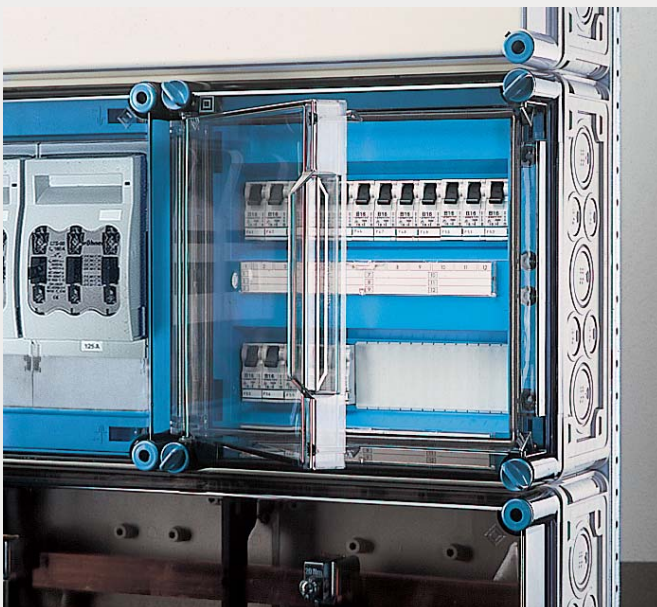


Seal closure or padlock prevent unauthorised opening of the lids



Depending on the electrical function, lid with manual actuation (for non-specialists) or tool actuation (for electricians)

Hinged flap and hinged lid for easy operation of devices



READY TO CONNECT AND COMBINABLE SOLUTIONS

For special applications



Changeover switch boxes (I-0-II) switch safely to substitute power sources

Main line distribution board for the pre-meter area



For the self-assembly of distribution boards up to 630 A



Individual boxes with electrical functions can be assembled by the electrician to form a distribution system..

Mi-CONNECTION BOX

The integrated system solution!

Integrated system solutions are the trend:

- + They reduce the installation effort
- + They enable space-saving installation
- + They enable a visually clean solution

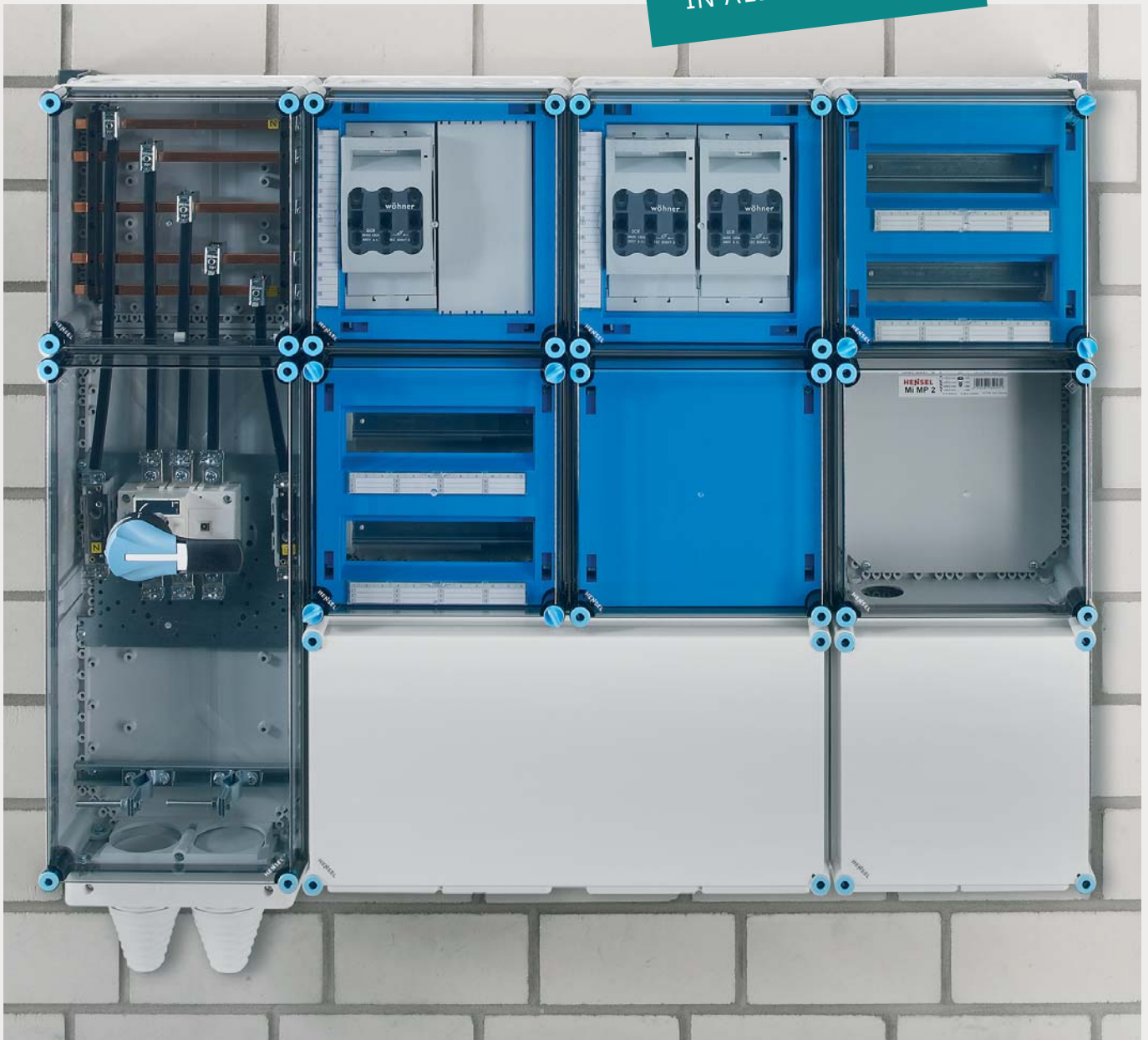
SYSTEM SOLUTION INSTEAD OF
COMPROMISES



FOR DEMANDING ENVIRONMENTAL CONDITIONS

**Mi distribution boards with different functional
boxes for your different areas of application**

CAN BE COMBINED
IN ALL DIRECTIONS



Boxes with electrical functions



Empty boxes



Circuit breaker boxes



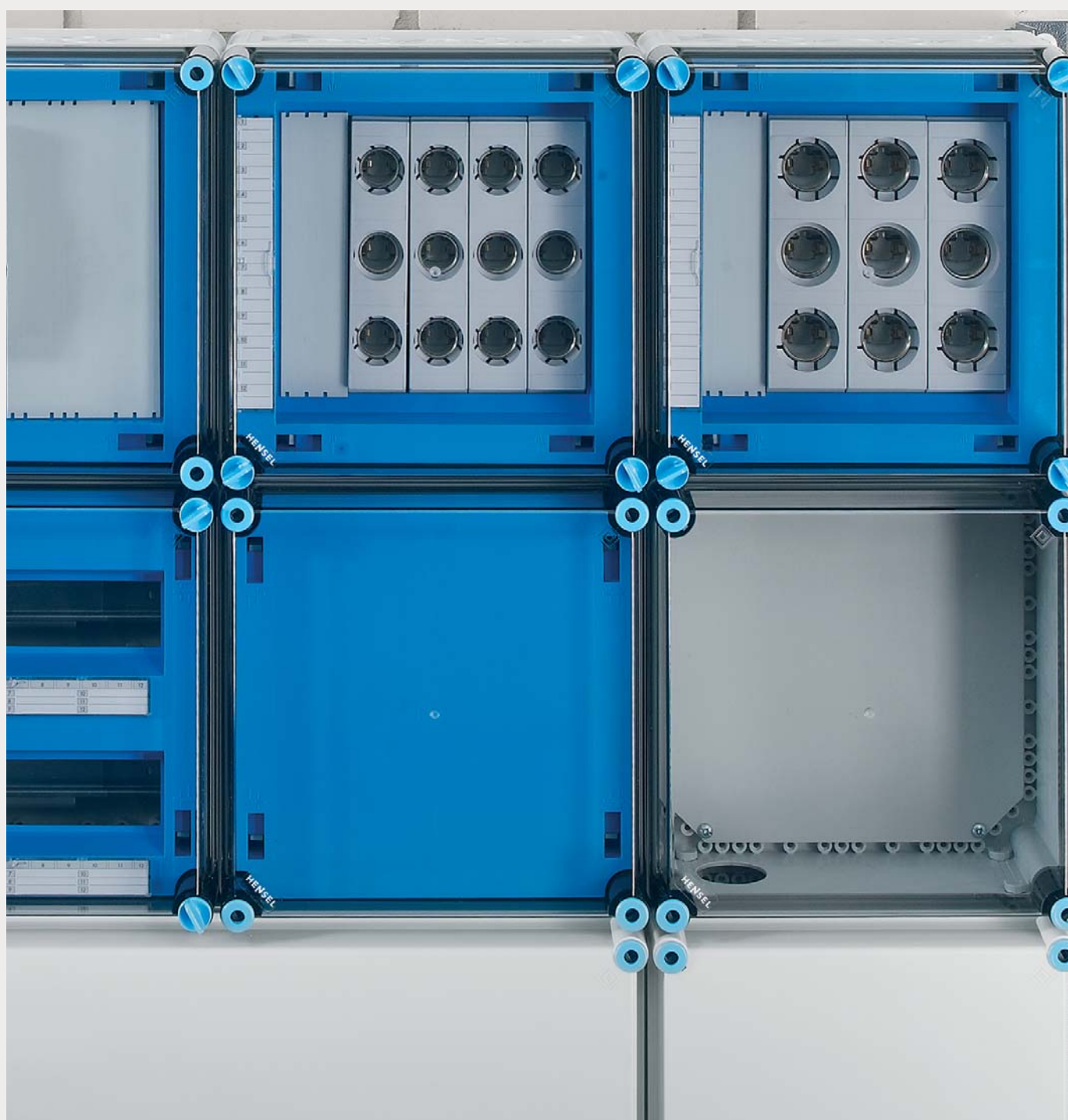
Empty boxes
with hinged lid

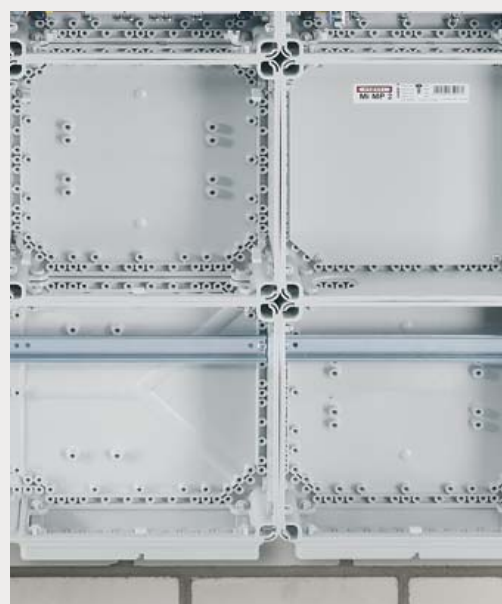
Mi-POWER DISTRIBUTION BOARD

EMPTY BOXES


for the assembly of power distribution boards (PSC) up to 630 A in accordance with IEC 61430-2

IP
65





System properties

- + Transparent lids
- + Empty enclosure with hinged lid, trilaterally combinable
- + Device installation either on mounting plates or DIN rails
- + Installation depths extendable by using lids of different heights or extension frames
- + Enclosures can also be used as single boxes
- + Protection class II, 
- + Degree of protection: IP 65
- + Material: PC (polycarbonate)
- + Colour: grey, RAL 7035



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Mi-POWER DISTRIBUTION BOARD — EMPTY BOXES
WITH TRANSPARENT LID

	Mi 0100	<ul style="list-style-type: none"> + Built-in dimensions W x H x D: 125 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 150 x 300 x 170 mm 	  
	Mi 0200	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 275 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 300 x 300 x 170 mm 	  
	Mi 0210	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 275 x 275 mm, max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 300 x 300 x 214 mm 	  
	Mi 0220	<ul style="list-style-type: none"> + with hinged lid (door) + built-in dimensions W x H x D: 275 x 275 mm, max. installation depth with built-in mounting plate 115 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 300 x 300 x 182 mm 	  
	Mi 0300	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 425 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 450 x 300 x 170 mm 	  
	Mi 0310	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 425 x 275 mm, max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 450 x 300 x 214 mm 	  
	Mi 0400	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 575 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 600 x 300 x 170 mm 	  
	Mi 0410	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 575 x 275 mm, max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 600 x 300 x 214 mm 	  



Mi 0600

- + built-in dimensions W x H x D: 425 x 575 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 450 x 600 x 170 mm



Mi 0800

- + built-in dimensions W x H x D: 575 x 575 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 600 x 600 x 170 mm



Mi-POWER DISTRIBUTION BOARD — EMPTY BOXES
WITH OPAQUE LID

	Mi 0101	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 125 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 150 x 300 x 170 mm 	  
	Mi 0201	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 275 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 300 x 300 x 170 mm 	  
	Mi 0211	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 275 x 275 mm, max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 300 x 300 x 214 mm 	  
	Mi 0221	<ul style="list-style-type: none"> + with hinged lid (door) + built-in dimensions W x H x D: 275 x 275 mm, max. installation depth with built-in mounting plate 115 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 300 x 300 x 182 mm 	  
	Mi 0301	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 425 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 450 x 300 x 170 mm 	  
	Mi 0311	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 425 x 275 mm, max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 450 x 300 x 214 mm 	  
	Mi 0401	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 575 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 600 x 300 x 170 mm 	  
	Mi 0411	<ul style="list-style-type: none"> + built-in dimensions W x H x D: 575 x 275 mm, max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm + dimensions H x W x D: 600 x 300 x 214 mm 	  



Mi 0601

- + built-in dimensions W x H x D: 425 x 575 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 450 x 600 x 170 mm



Mi 0801

- + built-in dimensions W x H x D: 575 x 575 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 600 x 600 x 170 mm



Mi-POWER DISTRIBUTION BOARD — EMPTY BOXES
WITH HINGED, TRANSPARENT LID



Mi 9100

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 125 x 275 mm,
max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 300 x 165 x 170 mm



Mi 9200

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 275 x 275 mm,
max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 300 x 315 x 170 mm



Mi 9210

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 275 x 275 mm,
max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 300 x 315 x 214 mm



Mi 9300

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 425 x 275 mm,
max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 450 x 315 x 170 mm



Mi 9310

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 425 x 275 mm,
max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 450 x 315 x 214 mm



Mi 9400

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 575 x 275 mm,
max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 600 x 315 x 170 mm



Mi 9410

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 575 x 275 mm,
max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 600 x 315 x 214 mm





Mi 9101

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 125 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 300 x 165 x 170 mm



Mi 9201

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 275 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 300 x 315 x 170 mm



Mi 9211

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 275 x 275 mm, max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 300 x 315 x 214 mm



Mi 9301

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 425 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 450 x 315 x 170 mm



Mi 9311

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 425 x 275 mm, max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 450 x 315 x 214 mm



Mi 9401

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 575 x 275 mm, max. installation depth with built-in mounting plate 146 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 600 x 315 x 170 mm



Mi 9411

- + with hinged lid, hinge, external
- + built-in dimensions W x H x D: 575 x 275 mm, max. installation depth with built-in mounting plate 191 mm, with built-in DIN rail 135 mm
- + dimensions H x W x D: 600 x 315 x 214 mm



Mi-DISTRBUTION

CIRCUIT BREAKER BOXES

with or without PE and N terminals with hinged flaps


for the assembly of power distribution boards (PSC) up to 630 A
in accordance with IEC 61430-2

IP
65



























System properties

- + Transparent lids
- + Hinged flap or hinged lid for an easy operation of installation devices
- + Hinged flap lock against unauthorised opening under accessories
- + Circuit breaker boxes with or without PE and N terminals
- + Protection against direct contact with hazardous live parts for operable installation devices
- + Attached labelling strips for circuit identification
- + Included blanking strips for unused DIN rail openings
- + Enclosures can also be used as single boxes
- + Protection class II, 
- + Degree of protection: IP 65
- + Material: PC (polycarbonate)
- + Colour: grey, RAL 7035



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Mi-POWER DISTRIBUTION BOARD — CIRCUIT BREAKER BOXES
WITH PE AND N TERMINALS

	Mi 1109	<ul style="list-style-type: none"> + with FIXCONNECT® N- und PE terminal + with 1x 9 modules (18 mm) + dimensions H x W x D: 150 x 300 x 170 mm 	  
	Mi 1112	<ul style="list-style-type: none"> + with 1x 12 modules (18 mm) + dimensions H x W x D: 150 x 300 x 170 mm 	  
	Mi 1111	<ul style="list-style-type: none"> + with 1x 12 modules (18 mm) + with hinged flap + dimensions H x W x D: 150 x 300 x 185 mm 	  
	Mi 1224	<ul style="list-style-type: none"> + with FIXCONNECT® N- und PE terminal + with 2x 12 modules (18 mm) + dimensions H x W x D: 300 x 300 x 170 mm 	  
	Mi 1220	<ul style="list-style-type: none"> + with FIXCONNECT® N- und PE terminal + with 2x 12 modules (18 mm) + with hinged lid (door) + dimensions H x W x D: 300 x 300 x 182 mm 	  
	Mi 1222	<ul style="list-style-type: none"> + with FIXCONNECT® N- und PE terminal + with 2x 12 modules (18 mm) + with hinged flap + dimensions H x W x D: 300 x 300 x 185 mm 	  
	Mi 1336	<ul style="list-style-type: none"> + with FIXCONNECT® N- und PE terminal + with 3x 12 modules (18 mm) + dimensions H x W x D: 450 x 300 x 170 mm 	  
	Mi 1333	<ul style="list-style-type: none"> + with FIXCONNECT® N- und PE terminal + with 3x 12 modules (18 mm) + with hinged flap + dimensions H x W x D: 450 x 300 x 185 mm 	  
	Mi 1448	<ul style="list-style-type: none"> + with FIXCONNECT® N- und PE terminal + with 4x 12 modules (18 mm) + dimensions H x W x D: 600 x 300 x 170 mm 	  



Mi 1444

- + with FIXCONNECT® N- und PE terminal
- + with 4x 12 modules (18 mm)
- + with hinged flap
- + dimensions H x W x D: 600 x 300 x 185 mm



Mi 1456

- + with FIXCONNECT® N- und PE terminal
- + with 2x 28 modules (18 mm)
- + dimensions H x W x D: 300 x 600 x 170 mm



Mi 1684

- + with FIXCONNECT® N- und PE terminal
- + with 2x 28 modules and 2x 12 modules
- + dimensions H x W x D: 450 x 600 x 170 mm




























Mi 1884

- + with FIXCONNECT® N- und PE terminal
- + with 3x 28 modules (18 mm)
- + dimensions H x W x D: 600 x 600 x 170 mm



Mi-POWER DISTRIBUTION BOARD — CIRCUIT BREAKER BOXES
WITHOUT PE AND N TERMINALS

	Mi 1115	<ul style="list-style-type: none"> + with 1x 12 modules (18 mm) + dimensions H x W x D: 150 x 300 x 170 mm 	  
	Mi 1117	<ul style="list-style-type: none"> + with 1x 12 modules (18 mm) + with hinged flap + dimensions H x W x D: 150 x 300 x 185 mm 	  
	Mi 1225	<ul style="list-style-type: none"> + with 2x 12 modules (18 mm) + dimensions H x W x D: 300 x 300 x 170 mm 	  
	Mi 1226	<ul style="list-style-type: none"> + with 2x 12 modules (18 mm) + with hinged lid (door) + dimensions H x W x D: 300 x 300 x 182 mm 	  
	Mi 1227	<ul style="list-style-type: none"> + with 2x 12 modules (18 mm) + with hinged flap + dimensions H x W x D: 300 x 300 x 185 mm 	  
	Mi 1335	<ul style="list-style-type: none"> + with 3x 12 modules (18 mm) + dimensions H x W x D: 450 x 300 x 170 mm 	  
	Mi 1337	<ul style="list-style-type: none"> + with 3x 12 modules (18 mm) + with hinged flap + dimensions H x W x D: 450 x 300 x 185 mm 	  
	Mi 1441	<ul style="list-style-type: none"> + with 4x 12 modules (18 mm) + dimensions H x W x D: 600 x 300 x 170 mm 	  



- Mi 1440**
- + with 3x 12 modules (18 mm)
 - + dimensions H x W x D: 600 x 300 x 170 mm



- Mi 1443**
- + with 3x 12 modules (18 mm)
 - + with hinged flap
 - + dimensions H x W x D: 600 x 300 x 185 mm



- Mi 1445**
- + with 4x 12 modules (18 mm)
 - + with hinged flap
 - + dimensions H x W x D: 600 x 300 x 185 mm



- Mi 1455**
- + with 2x 28 modules (18 mm)
 - + dimensions H x W x D: 300 x 600 x 170 mm



- Mi 1683**
- + with 2x 28 modules and 2x 12 modules
 - + dimensions H x W x D: 450 x 600 x 170 mm



- Mi 1885**
- + with 3x 28 modules (18 mm)
 - + dimensions H x W x D: 600 x 600 x 170 mm



Mi-POWER DISTRIBUTION BOARD – CIRCUIT BREAKER BOX
FOR MINIATURE CIRCUIT-BREAKERS (MCB)



- Mi 1281**
- + with 1x 6 modules (18 mm)
 - + dimensions H x W x D: 300 x 300 x 170 mm



MI-POWER DISTRIBUTION BOARD ACCESSORIES





- Mi CB 10**
- + connection Box
 - + suitable for box wall: 300 mm



- Mi ZR 4**
- + extension frame
 - + for enclosure size 4
 - + for extension of the installation depth by 85 mm
 - + dimensions H x W x D: 600 x 300 x 85 mm



- Mi ZR 6**
- + extension frame
 - + for enclosure size 6
 - + for extension of the installation depth by 85 mm
 - + dimensions H x W x D: 600 x 450 x 85 mm



- Mi ZR 8**
- + extension frame
 - + for enclosure size 8
 - + for extension of the installation depth by 85 mm
 - + dimensions H x W x D: 600 x 600 x 85 mm



Mi-POWER DISTRIBUTION BOARD — ACCESSORIES



Mi TS 15 + DIN rail 35 x 15 mm, 134 mm long



Mi TS 30 + DIN rail 35 x 15 mm, 284 mm long



Mi TS 45 + DIN rail 35 x 15 mm, 434 mm long



Mi TS 60 + DIN rail 35 x 15 mm, 584 mm long



Mi DS 25 + spacer
+ set with 2 pieces
+ height: 25 mm



Mi DS 50 + spacer
+ set with 2 pieces
+ height: 50 mm



- Mi MP 1**
- + mounting plate
 - + suitable for box size: 1, 2, 3, 4, 6
 - + dimensions H x W x D: 115 x 259 x 4 mm



- Mi MP 2**
- + mounting plate
 - + suitable for box size: 2, 3, 4, 6, 8
 - + dimensions H x W x D: 265 x 265 x 4 mm



- Mi MP 3**
- + mounting plate
 - + suitable for box size: 3, 4, 6
 - + dimensions H x W x D: 415 x 265 x 4 mm



- Mi MP 4**
- + mounting plate
 - + suitable for box size: 4, 6, 8
 - + dimensions H x W x D: 565 x 265 x 4 mm



- Mi MP 6**
- + mounting plate
 - + suitable for box size: 6
 - + dimensions H x W x D: 415 x 565 x 4 mm



- Mi MP 8**
- + mounting plate
 - + suitable for box size: 8
 - + dimensions H x W x D: 565 x 565 x 4 mm



- Mi BZ 11**
- + fixing screw
 - + length: 11 mm



- Mi BZ 13**
- + fixing screw
 - + length: 13 mm



- Mi EP 01**
- + Cover
 - + suitable for box size: 1
 - + dimensions H x W: 286 x 136 mm



- Mi EP 02**
- + cover
 - + suitable for box size: 2
 - + dimensions H x W: 286 x 286 mm



- Mi EP 03**
- + cover
 - + suitable for box size: 3, 6
 - + dimensions H x W: 436 x 286 mm



- Mi EP 04**
- + cover
 - + suitable for box size: 6
 - + dimensions H x W: 586 x 286 mm



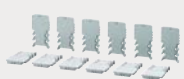
- Mi EP 06**
- + cover
 - + suitable for box size: 6
 - + dimensions H x W: 450 x 600 mm



- AS 12**
- + blanking strip
 - + modules: 12



- AS 18**
- + blanking strip
 - + modules: 18



- DAE 12**
- + spacer
 - + set with 12 pieces








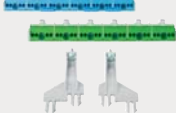






- Mi BS 6**
- + cover
 - + dimensions H x W: 46 x 108
 - + suitable for hinged flap



- Mi BS 12**
- + cover
 - + dimensions H x W: 46 x 216
 - + suitable for hinged flap



- Mi SA 2**
- + dust protection cover

	FC L 10	<ul style="list-style-type: none"> + FIXCONNECT® terminal + suitable for mounting on DIN rail
	FC N 10	<ul style="list-style-type: none"> + N terminal + suitable for mounting on DIN rail + 2x 25 mm² screw terminals and 8x 6 mm² plug-in terminals
	FC PE 10	<ul style="list-style-type: none"> + PE terminal + suitable for mounting on DIN rail + 2x 25 mm² screw-type terminals and 8x 4 mm² plug-in terminals
	FC PN 10	<ul style="list-style-type: none"> + PE terminal, N terminal + per PE/N 1x 25 mm² screw-type terminals and 4x 4 mm² plug-in terminals + suitable for mounting on DIN rail
	FC PN 30	<ul style="list-style-type: none"> + PE terminal, N terminal + per PE/N 3x 25 mm² screw-type terminals and 12x 4 mm² plug-in terminals
	FC PN 60	<ul style="list-style-type: none"> + PE terminal, N terminal + per PE/N 6x 25 mm² screw-type terminals and 24x 4 mm² plug-in terminals
	FC N 30	<ul style="list-style-type: none"> + N terminal + 6x 25 mm² screw terminals and 24x 6 mm² plug-in terminals
	FC PE 30	<ul style="list-style-type: none"> + PE terminal + 6x 25 mm² screw-type terminals and 24x 4 mm² plug-in terminals
	KKL 25	<ul style="list-style-type: none"> + 1-pole terminal with 2 clamping units per pole, Screw connection + copper branch terminal + rated current: I_n = 102 A
	KKL 34	<ul style="list-style-type: none"> + main line branch terminal + 1 x 1,5 mm²-16 mm² round, Cu, 1 x 2,5 mm²-25 mm² round, Cu + suitable for mounting on DIN rail + rated current: I_n = 80 A
	KKL 48	<ul style="list-style-type: none"> + main line branch terminal + 1 x 1,5 mm²-16 mm² round, Cu, 1 x 2,5 mm²-25 mm² round, Cu + suitable for mounting on DIN rail + rated current: I_n = 80 A
	KKL 54	<ul style="list-style-type: none"> + main line branch terminal + 1 x 1,5 mm²-16 mm² round, Cu, 1 x 2,5 mm²-25 mm² round, Cu + suitable for mounting on DIN rail + rated current: I_n = 80 A



Mi FP 15 + flange
+ suitable for box wall: 150 mm

IP 65



Mi FM 15 + flange
+ 3 x M20, 1 x M32, M40, M50
+ suitable for box wall: 150 mm

IP 65



Mi FP 20 + flange
+ suitable for box wall: 300 mm

IP 65



Mi FM 20 + flange
+ 15 x M16, 15 x M20
+ suitable for box wall: 300 mm

IP 65



Mi FM 25 + flange
+ 19 x M16, M25, x
+ suitable for box wall: 300 mm

IP 65



Mi FM 32 + flange
+ 1 x M25, M32, M40, 8 x M25, M32
+ suitable for box wall: 300 mm

IP 65



Mi FM 40 + flange
+ 2 x M25, M32, 5 x M32, M40
+ suitable for box wall: 300 mm

IP 65



Mi FM 50 + flange
+ 2 x M20, 4 x M32, M40, M50
+ suitable for box wall: 300 mm

IP 65



Mi FM 60 + flange
+ 3 x M40, M50, M63
+ suitable for box wall: 300 mm

IP 65



Mi FM 63 + flange
+ 3 x M40, M50, M63, x
+ suitable for box wall: 300 mm

IP 65



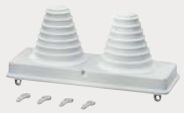
Mi FP 38 + flange
+ elastic membranes: 29 x 7 mm - 12 mm, 4 x 7 mm - 14 mm, 4 x 11 mm - 20 mm,
1 x 16 mm - 29 mm
+ suitable for box wall: 300 mm

IP 65



Mi FP 70 + flange
+ elastic membranes: 1 x 32 mm - 70 mm
+ suitable for box wall: 300 mm

IP 65



- Mi FP 72**
- + flange
 - + elastic membranes: 2 x 30 mm - 72 mm
 - + suitable for box wall: 300 mm

IP 65



- Mi FP 82**
- + flange
 - + Insert: 2 x 30 mm - 72 mm
 - + suitable for box wall: 300 mm

IP 54



- Mi ZE 62**
- + strain relief
 - + for 2 cables with max. 60 mm external diameter
 - + to be used only in connection with Mi FP 82



- Mi GS 30**
- + box fin
 - + for inserting cables across 2 boxes
 - + suitable for box wall: 300 mm



- Mi BF 44**
- + ventilation flange
 - + recommended alignment: vertical
 - + suitable for box wall: 300 mm

IP 44



- BE 44**
- + ventilation insert

IP 44



- BM 20G**
- + pressure compensation element
 - + to reduce condensation through pressure compensation
 - + for knockouts M20

IP 54

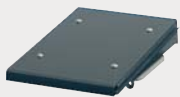


- BM 40G**
- + pressure compensation element
 - + to reduce condensation through pressure compensation
 - + for knockouts M40

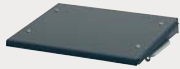
IP 54



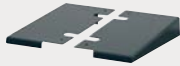
Mi-POWER DISTRIBUTION BOARD — ACCESSORIES









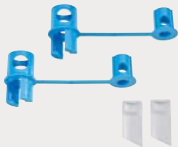


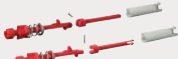








- Mi DB 15**
- + canopy
 - + suitable for box wall: 150 mm
 - + dimensions W x D: 150 x 245 mm
-



- Mi DB 30**
- + canopy
 - + suitable for box wall: 300 mm
 - + dimensions W x D: 300 x 245 mm
-



- Mi DB 01**
- + canopy end plate
 - + Set with 2 pieces
 - + dimensions W x D: 74 x 245 mm
-

	<p>Mi PL 2</p>	<ul style="list-style-type: none"> + locking device insertion conversion kit + seal closure + set with 2 pieces 	
	<p>Mi SR 4</p>	<ul style="list-style-type: none"> + locking device insertion conversion kit + tool operation + set with 4 pieces 	
	<p>Mi SN 4</p>	<ul style="list-style-type: none"> + Locking device insertion conversion kit + Hand closure + Set with 4 pieces 	
	<p>Mi SV 2</p>	<ul style="list-style-type: none"> + locking device insertion conversion kit + for padlock + set with 2 pieces 	
	<p>Mi DR 04</p>	<ul style="list-style-type: none"> + locking device insertion + triangle + set with 4 pieces 	
	<p>DS 1</p>	<ul style="list-style-type: none"> + spare key + triangle 	
	<p>Mi ZS 20</p>	<ul style="list-style-type: none"> + hinge + set with 2 pieces 	
	<p>Mi ZS 40</p>	<ul style="list-style-type: none"> + hinge + set with 2 pieces 	
	<p>Mi ZS 60</p>	<ul style="list-style-type: none"> + hinge + set with 2 pieces 	
	<p>Mi KL 6</p>	<ul style="list-style-type: none"> + hinged flap + opening dimension: 60 x 117 mm 	
	<p>Mi KL 12</p>	<ul style="list-style-type: none"> + hinged flap + opening dimension: 60 x 220 mm 	
	<p>Mi SK 01</p>	<ul style="list-style-type: none"> + locking device for hinged flap 	
	<p>NZ KL 54</p>	<ul style="list-style-type: none"> + hinged flap + opening dimension: 310 x 140 mm 	



Mi MB 1 + pipe and pole mounting set
+ for enclosures with a width of 150 mm



Mi MB 2 + pipe and pole mounting set
+ for enclosures with a width of 300 mm



Mi AL 40 + external brackets
+ set with 4 pieces



Mi MS 2 + mounting profile
+ height: 1950 mm



Lackstift RAL 7016 + varnishing pen



- Mi BA 6**
- + cover
 - + dimensions H x W: 221 x 108
 - + suitable for boxes with fuse bases or fuse switch disconnectors on busbar
 - + cut-out height: 216 mm



- Mi WD 2**
- + wall gasket
 - + suitable for box wall: 150 mm, 300 mm



- Mi WT 1**
- + wall separator
 - + suitable for box wall: 300 mm
 - + for subdivision of box walls



- Mi BE**
- + fixing spares
 - + set with 4 pieces



- Mi SA 2**
- + dust protection cover

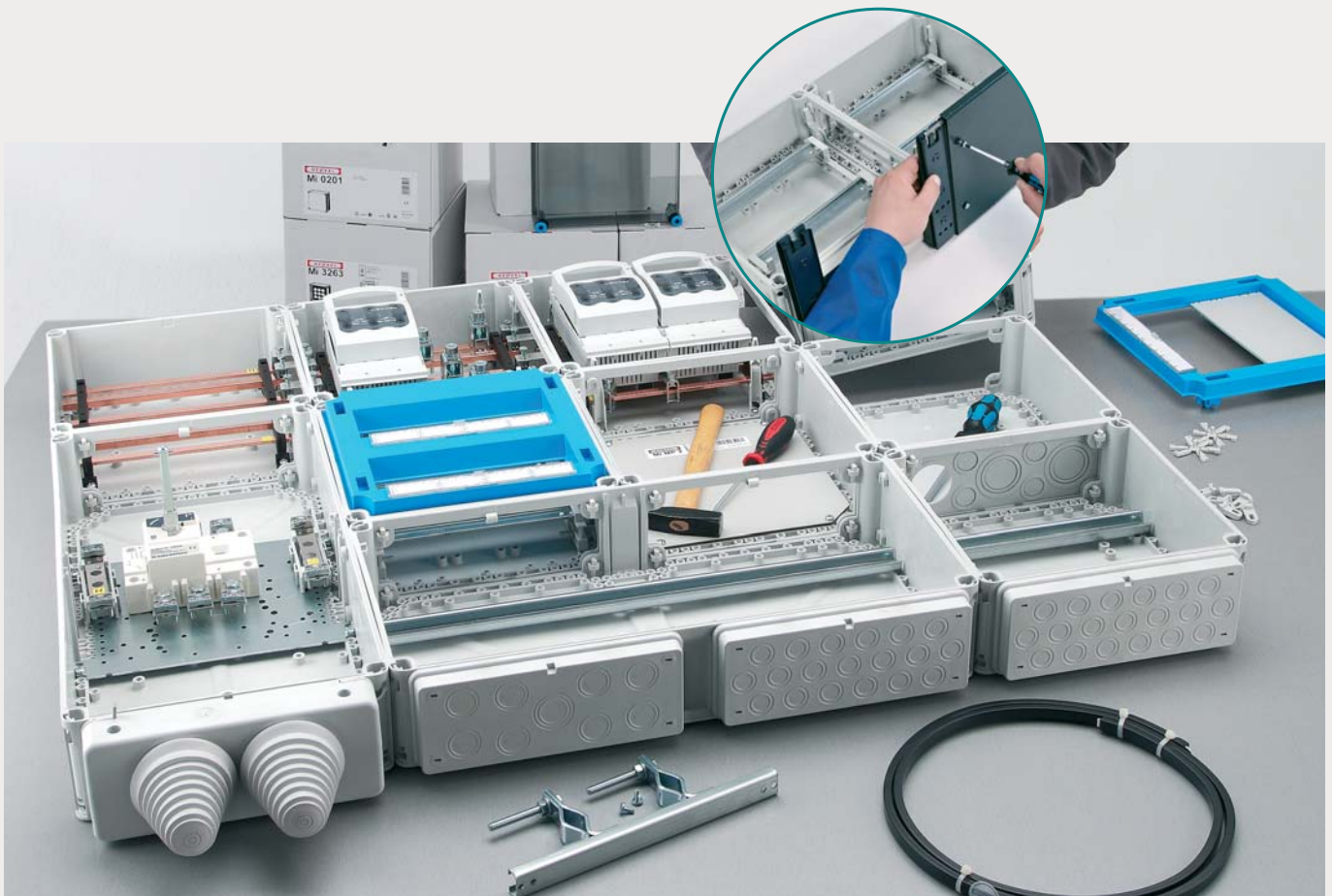
Mi-POWER DISTRIBUTION BOARD

FOR EVERY BOX THE
RIGHT ACCESSORIES

hensel-electric.de

Take advantage of the high-quality range from
HENSEL and rely on tested system solutions

- + Connection Box
- + Extension frames, DIN rails, spacers
- + Mounting plates, fixing screws
- + Covers, blanking strips
- + Flanges, metal inserts for flanges, ventilation flanges
- + Conversion kits for lid fasteners
- + Terminals
- + Wall gasket, wall separator, fixing spares
- + Pressure compensation element, canopy
- + Components for wall mounting





Mi-CONNECTION BOX

**Professional system solution
for Mi-Distribution Board**

Simple and safe installation

- + For the installation of devices that must be operated externally, such as plug devices, push buttons and switches
- + For mounting to box walls 300 mm
- + Can be combined in the Mi-System from HENSEL

MORE ACCESSORIES



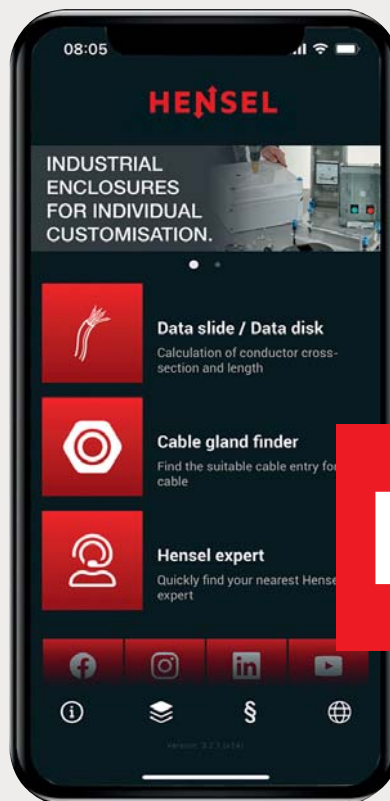
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- + **Data slide / Data disc**
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AVAILABLE FOR ANDROID AND
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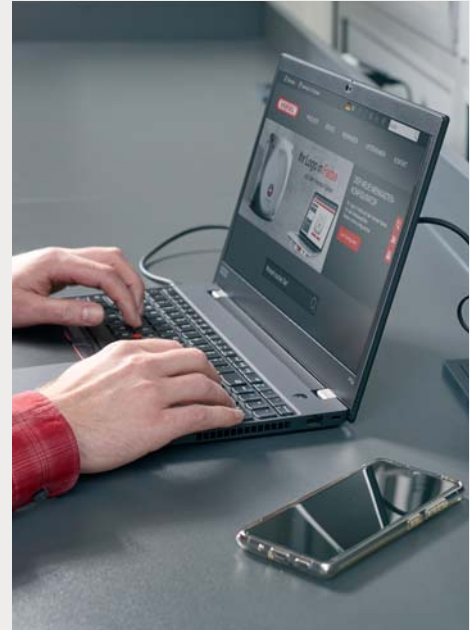
ANDROID
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In addition to the ENYEXPERT app, HENSEL offers other useful and innovative tools that significantly facilitate the everyday work in the electrical trade:



+ **MY HENSEL-BOX**

Your Logo on the HENSEL-box

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The 3D Configurator for Mi- and ENYSTAR distribution boards

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+ **CALCULATION TOOL**

for the verification of the permissible temperature rise

The online tool for quickly and easily determining the power loss.



+ **PORTAL 61439**

The platform with all information about design and assembly according to IEC 61439 / EN 61439.





FOR A SAFE
ELECTRIC FUTURE.

HENSEL



MADE IN GERMANY

Gustav Hensel GmbH & Co. KG

Gustav-Hensel-Str. 6

57368 Lennestadt

+49 2723 609-0

info@hensel-electric.de

hensel-electric.de

98171699 01/24

HEÑSEL