

PASSION FOR POWER.



ENYSTAC®

Distribution Boards up to 250 A with Door According to IEC 61 439-3

"Distribution Boards Intended to be Operated by Ordinary Persons (DBO)"

- Combinable enclosure system
- Degree of protection IP 66
- Protection class II □
- Made from polycarbonate





HENSEL

Interfaces according to IEC 61439-3

- For protected outdoor installation
- Degree of protection IP 66
- Combinable enclosure system, extendible in all directions
- 4 enclosure sizes in grid of 90 mm
- EMC complient busbar system
- Wall- or floor-mounting

- Distribution board up to 250 A intended to be operated by ordinary persons (DBO) according to IEC 61439-3
- Protection class II up to a rated current of 250 A
- Flexible through standardised and tested kits
- Spacious connection areas
- Fulfill the requirements for operation by ordinary persons





BLACK BOX

with the 4 interfaces for the rating of power switchgear assemblies



Combinable enclosure system, insulation-enclosed, totally insulated, IP 66,

for the assembly of distribution boards up to 250 A intended to be operated by ordinary persons (DBO) according to IEC 61439-3

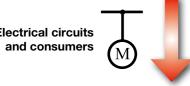
The requirements of all installed electrical functions demonstrate compliance with the applicable requirements of IEC 61439-3.

 I_{nc} and RDF must be specified in the documentation.

Electrical circuits

ENYSTAR

Distribution Board



- Electric circuit / final circuit
- Circuit-breaker up to 250 A
- Switch disconnector up to 250 A
- Fuse switch disconnector up to 250 A
- Bus-mounted fuse base up to 63 A
- Connection with cable from above / from below
- Connection: conductors from copper / aluminium
- Optional connection of CEE sockets according to EN 60309 and sockets with earthing contact according to DIN 49440-1



Connection to the electrical network

- Rated voltage U_N = 690 V a.c. / 1000 V d.c.
- Rated current I, up to 250 A
- Circuit-breaker up to 250 A
- Switch disconnector up to 250 A
- Fuse switch disconnector up to 250 A
- 5-conductor systems
- Connection with cable from above / from below

IEC 61439 causes new product presentation

IEC 61439 - the standard for the assembly of switchgear assemblies and distribution boards - determines the safety requirements for electrical equipment for the compliance of protection objectives for people and facilities. Requirements for products are more clearly defined and a new terminology is introduced.

BLACK BOX Specification

The designer specifies a switchgear assembly by defining the interface parameters as BLACK BOX. Based on these interface specifications the manufacturer of a switchgear assembly has to rate and define the structure of the switchgear assembly.

Product presentation in media changed significantly

The standard has an effect as well on the documentation of products. Additional information, such as the rated current of circuits and the number of circuits, are now listed for each product as they are now required by designers and manufacturers for the construction of switchgear assemblies.



Further technical information can be found on the Internet

www.hensel-electric.de -> Products

Example: Product presentation in accordance with nach IEC 61439



FP 3226

1 x fuse switch disconnector 125 A, HRC 001, 3-pole



- connection of wiring strip Mi VS 100/160 ■ outgoing terminals: 1.5-50 mm², Cu, round connectors
- per PE and N terminals 1 x 4-35 mm², Cu, round connectors
- N conductor with the same current carrying capacity as the phase conductors

5 N. PE: 5 mm

4 Nm terminal

- cable connection from the top, changeable to bottom connection
- with transparent door
- door fastener with tool operation
- door locking sealable
- box size 2
- connector: 6 items
- order closing plate sets, single closing plates and flanges separately

	rated voltage:	$U_n = 690 \text{ V a.c.}$
	rated current of a circuit	$I_{nc} = 100 \text{ A}$
շ and umber of circuits	number of circuits	1
	busbar system - polarity	5
	busbar thickness	L1-L3, N, PE: 5 mr
	centreline spacing of busbars	60 mm

tightening torque for terminal



PC





Combinable enclosure system with doors



Easy operation of the devices behind a door with protection against accidential contact.



Quick assembly



Facilities for earth connection according to British Standard

Distribution Boards with Door up to 250 A

combinable enclosure system, insulation-enclosed, for the assembly of distribution boards up to 250 A intended to be operated by ordinary persons (DBO), degree of protection IP 66, made from polycarbonate, in accordance with IEC 61 439-3

Distribution Boards up to 250 A with Door

- for indoor and protected outdoor installation
- dust-proof and protected against water (IP 66)
- protection class II □
- colour: grey, RAL 7035

Doors

- All enclosure sizes with door
- Transparent and opaque
- Door hinge changeable
- Sealable
- Locking facilities: lockable, door fasteners for tool or hand operation
- Operation of the devices behind the door protected with covers, no overhangig handles

Quick Assembly

- Closed or open enclosure walls, which can fast and easily be closed with closing plate sets
- Integrated gaskets
- Safe connectors

Pre-assembled Enclosures with Electrical Functions

- Electrical functions in enclosures with protection covers
- Connection Box for installation of devices that must be operated externally, such as plug devices, pushbuttons and switches
- EMC compliant busbar system
- N conductors with the same current carrying capacity as the phase conductors
- Bus-mounted fusegear
- Cable entry via flanges up to 72 mm cable diameter



As standard busbar system EMC-compliant with N/PEN conductor in the area of phase conductors and with the same current carrying capacity as the phase conductors.



System Description Enclosure System

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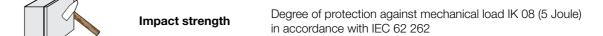
Environmental conditions

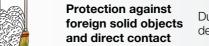
Ambient temperature

- for distribution boards in accordance with IEC 60 439-3: -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 ambient temperature for distribution boards is reduced by the installed equipment technology!

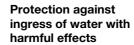








Dust-proof degree of protection IP 66



Protected against water degree of protection IP 66

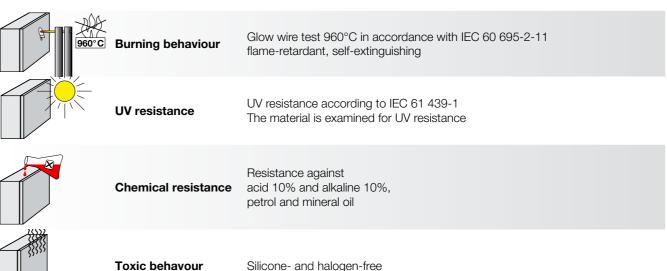


parameters

Rated current: 250 A Rated insulation voltage 1: AC 690 V, DC 1000 V, IEC 60 664

¹⁾ the rated insulation voltage is possibly reduced by the installed equipment technology

Material: Polycarbonate



Corrosion resistance Resistant to weather influences such as humidity, temperature, wind

Enclosures with electrical functions

Empty enclosures

door locking
with hand operation

Operation and access also by unskilled persons

door locking with **tool operation** Operation and access only by skilled persons

Circuit breaker boxes

KWH meter boxes

HRC fuse boxes with fuse switch disconnectors

Busbr boxes

HRC fuse boxes with fuse switch disconnectors

Isolator boxes with built-in switch disconnectors and MCCB circuit-breaker boxes

Combinable distribution boards with door

















Combinable enclosures with door and closing plates

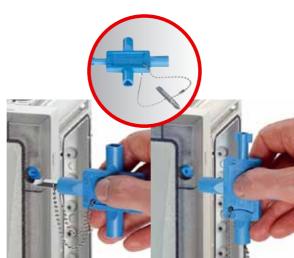
Empty enclosures
with closing plates
order flanges separately



Circuit breaker boxes with closing plates

order flanges separately

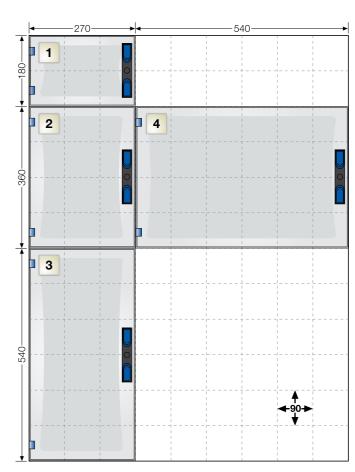




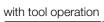
 Multikey for door locking systems:
 Standard locking system for tool-operation with slot screwdriver and triangle 8 mm, optional square lock 8 mm and double-bit.

Combinable distribution boards with door

- modular structure of enclosures in grid of 90 mm
- 4 enclosure sizes:270 x 180 mm,270 x 360 mm,270 x 540 mm and540 x 360 mm
- to assemble fast and simply to larger combinations
- Order closing plate sets, single closing plates and flanges separately.



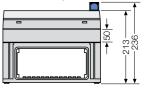
Enclosure depth with hand operation



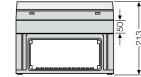


Extension frame

for extending installation depths by 50 mm with hand operation



with tool operation



Combinable enclosures with door and closing plates

4 box sizes:
 276 x 186 mm,
 276 x 366 mm,
 276 x 546 mm and
 546 x 366 mm



Empty enclosures and circuit breaker boxes additionally with closing plate sets for closing enclosure walls



Enclosure walls closed via closing plates



Flanges to be ordered separately



 Hand-operated locking facilities in areas, where electrotechnical unskilled persons operate equipment



 Locking option with key mit Schlüssel prevents unauthorized access

ENYSTAR System Description Assembly Examples



Can be combined and extended in all directions

Because of the increasing requirements, flexibility is essential in the electrial installation.

ENYSTAR enclosures can be combined and arranged freely in order to adapt the system flexibly to the individual requirements in site: Combination next to each other or one above the other. Large doors for all box sizes allow a simple accessibility of the electrical functions.





Combination of enclosures in horizontal direction.



Distribution boards intended to be operated by ordinary persons

Example 1: Distribution board with 72 modules (6 x 12 x 18 mm) built-up of 2 x FP 1318 with closing plates

in vertical direction.

Example 2: Distribution board with 125 A 36 modules (3 x 12 x 18 mm) and a terminal box for PE and N







ENYSTAR **Connection Box**

The ENYSTAR Connection Box allows a simple and fast installation of devices that must be operated externally. Such as plug devices, pushbuttons, switches or also touch panels.

The new Connection Box is installed via safe plug connectors.

The ENYSTAR Connection Box is available in different designs and standard equipments.











Distribution boards are

usually used in working

Here the demands and

requirements that result

from the installation site

must be adhered to.

plication is various.

place proximity. Their ap-

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Requirements for Distribution Boards in Industry, in Buildings and in Commercial Applications

General requirements concerning distribution boards:

Clear separation between operation area and distribution area

For areas in distribution boards to which unskilled persons have access, standards require special protective measures:

- Life parts are to be protected against accidental contact by a cover.
- Devices, which may be operated only by an electrical skilled person, are to be arranged in a separate area, which is to be opened only with tool.
- 2. Fast and safe operating of the intended devices, e.g. series built-in equipment and switching devices
- No removable covers or parts
 so that electrotechnical unskilled persons can easyly operate.

Additional specific requirements when used in commercial and industrial applications:

- High degree of protection IP 66 dust-proof and waterproof
- 2. Robust material for use in rough environments

high-quality thermoplastic material for high mechanical loads.

3. Corrosion resistance

Material resistant to corrosion by atmospheric humidity or industrial processes.







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Distribution Boards up to 250 A According to IEC 61 439-3 "Distribution Boards Indended to be Operated by Ordinary Persons"

Modular distribution boards for special requirements in commercial and industrial applications ...



... and with clearly separated functional areas!

- Modular design for clear separation of access and operation areas for electrical skilled persons and unskilled
- Large, transparent doors for a quick control and convenient operation of the built-in equipment
- Fast opening and closing of the doors in a single operation
- At any time an expandable, modular system





Requirements in accordance with IEC 61 439-3:

- Only installation equipment, like series built-in equipment, fuses up to 63 A, circuit-breakers and IT-components are permitted. For the access a tool-operated door locking facility is **NOT** necessary.
- Other switching devices must be installed behind separate lids or doors, which can only be opened using a tool: protection against direct contact with hazardous live parts IP XXC.

Optionally, the door lock can also be used key-lockable.

Access and operation only by electrical skilled persons



To the following areas **only an electrical skilled person** may have access:

- feeding-in
- back-up fuse
- outgoing terminals.

Therefore access is possible **only with appropriate tools.** Electrotechnical unskilled persons have no access here.

ENYSTAC®

FP 1105 1x12x18 mm

FP 1215

FP 1315

FP 1415

2x27x18 mm

3x12x18 mm

2x12x18 mm

Circuit breaker boxes

for devices up to 63 A

without PE and N terminals

Overview Product Range

Operation and Access even by Unskilled Persons

Circuit breaker boxes

for devices up to 63 A

with PE and N terminals

FP 1109

FP 1108

plates

FP 1219

FP 1218

plates

FP 1319

FP 1318

plates

FP 1409

2x27x18 mm

with closing

3x12x18 mm

with closing

3x12x18 mm

2x12x18 mm

with closing

2x12x18 mm

1x9x18 mm

with closing

1x9x18 mm

Empty enclosures with transprent door with hand operation



FP 0140 Mounting dimensions 220x130x140 mm











FP 0340 Mounting 220x490x140 mm



FP 0341 Mountina dimensions 220x490x140 mm with closing plates



FP 0440 Mounting dimensions 490x310x140 mm



FP 0441 Mounting dimensions 490x310x140 mm with closing plates



FP 0461 Mounting dimensions 310x490x140 mm with closing plates

attachments in the bottom or on DIN rails or mounting plates.

Empty boxes for the installation of different electrical devices either directly over

Built-in equipment must be suitable for operation by electrotechnical

unskilled persons and has to be protected by a cover against direct



Empty enclosures with opaque door with hand operation



FP 0150 Mounting dimensions 220x130x140 mm



FP 0151 Mounting dimensions 220x130x140 mm with closing plates



FP 0250 Mounting dimensions 220x310x140 mm



FP 0251 Mounting dimensions 220x310x140 mm with closing plates





FP 0351 Mountina dimensions 220x490x140 mm with closing plates



FP 0451

Mounting

FP 0471

Mounting

dimensions

310x490x140 mm

with closing plates

dimensions

with closing plates

490x310x140 mm



FP 1408 2x27x18 mm with closing



FP 1418 3x17x18 mm with closing plates



FP 1211 1x12x18 mm for miniature (MCR)

circuit breakers

Circuit breaker boxes for the installation of DIN rail equipment in accordance with DIN 43 880 from 9 up to 54 modules.



ENYSTAR

for devices up to 100 A

FP 1101

FP 1249

FP 1349

3x12x18 mm

FP 1439

FP 1211

1x12x18 mm

for miniature

circuit brea-

kers (MCB) with PE and

N terminals

FP 1100

terminal box

2x27x18 mm

2x12x18 mm

1x12x18 mm

without PE and

Overview Product Range

Operation and Access even by Unskilled Persons





FP 1106 1x9x18 mm

FP 1107 with closing

plates



FP 1217 2x12x18 mm

FP 1216

2x12x18 mm



with closing





FP 1406

2x27x18 mm

with closing

FP 1316

3x12x18 mm



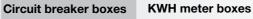






Removable DIN rail rack for e.g. earth connection (British Standard)

Circuit breaker boxes for the installation of DIN rail equipment in accordance with DIN 43 880 from 9 up to 54 modules.





with support for 1 electronic consumer meter (eHz)

FP 2213 with support for 2 electronic consumer meters

Busbr boxes with device equipping (fuse elements 63 A, Neozed)



with terminals



4-pole + PE FP 5102

Isolator boxes





FP 5104 100 A 4-pole + PE

FP 5201

125 A

ENYSTAR

FP 5101

FP 5103

3-pole, PE + N

63 A

63 A



3-pole, PE + N



125 A 4-pole, PE

FP 5202



FP 5211 160 A 3-pole, PE + N



FP 5213 160 A 4-pole + PE



FP 5312 3-pole, PE + N

KWH meter boxes for the use in unmetered area after consultation with local power supply companies Meter boxes sealable.

As standard EMC complient busbar system: with N/PEN conductor in the area of phase conductors and with the same current carrying capacity as the phase conductors.

Mi isolator boxes with built-in switch disconnectors in accordance with EN 60 947-3

contact with hazardous life parts.

Empty enclosures

with opaque door

with tool operation

Overview Product Range

Access and Operation only by Skilled Persons

Empty enclosures with transprent door with tool operation



FP 0100 Mounting dimensions 220x130x140 mm



FP 0101 Mounting dimensions 220x130x140 mm with closing plates



FP 0210 Mounting dimensions 220x310x140 mm



FP 0211 Mounting dimensions 220x310x140 mm with closing plates



FP 0310 Mounting dimensions 220x490x140 mm



FP 0311 Mounting dimensions 220x490x140 mm with closing plates



FP 0400 Mounting dimensions 490x310x140 mm



FP 0401 Mounting dimensions 490x310x140 mm with closing plates



FP 0411 Mounting dimensions 310x490x140 mm with closing plates





FP 0120 Mounting dimensions 220x130x140 mm





FP 0230 Mounting dimensions 220x310x140 mm



FP 0231 Mounting dimensions 220x310x140 mm with closing plates



FP 0330 Mounting dimensions 220x490x140 mm with closing plates



FP 0331 Mountina dimensions 220x490x140 mm with closing plates



FP 0420 Mounting dimensions 490x310x140 mm



FP 0421 Mounting dimensions 490x310x140 mm with closing plates



FP 0431 Mounting dimensions 310x490x140 mm with closing plates

KWH meter boxes for the use in unme-

tered area after consultation with local

power supply companies.

Meter boxes sealable.

KWH meter boxes



FP 2211 with support for 1 KWH meter



FP 2312 with support for 2 KWH meters or 1 meter + 1 DIN rail





FP 3212 250 A, 5-pole



FP 3402 250 A, 5-pole



FP AP 21 cover for fusegear space units: 12



FP AP 41 cover vor fusegear space units: 10 + 16



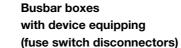
FP BA 70 blanking cover H 160 x B 126 mm space units: 7



NH RT 00C HRC 00C busmounted fuse switch disconnector, 3-pole, 125 A space units: 5



ZS RS 18 D0 2 bus-mounted fuse base 63 A space units: 2



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FP 3226 250 A. 5-pole 1 HRC 00C with terminals





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HRC fuse boxes

with fuse switch

disconnector

Overview Product Range

FP 4212 2xHRC 00C, 125 A 3-pole, PE + N

FP 4211

1xHRC 00C, 125 A

3-pole, PE + N



FP 4312 1xHRC 1, 250 A 3-pole, PE + N

MCCB circuit-breaker boxes



Access and Operation only by Skilled Persons

FP 5216 160 A 3-pole, PE + N



FP 5325 250 A 3-pole, PE + N

As standard EMC complient busbar system: with N/PEN conductor in the area of phase conductors and with the same current carrying capacity as the phase

As standard EMC complient busbar system: with N/PEN conductor in the area of phase conductors and with the same current carrying capacity as the phase

HRC fuse boxes with fuse switch disconnectors in accordance with IEC 60 947-3

MCCB circuit-breaker boxes with circuitbreaker in accordance with IEC 60 947-2, MCCB with overload and short-circuit release

FP AP 21

FP AP 41

cover for fusegear

space units: 12

ENYSTAR Overview Product Range Accessories



for mounting on enclosure walls size 2 (270 mm)



FP ZR 30















16

FP DS 02 Spacer for spacing DIN rails



mounting plate 216 x 126 mm



FP MP 10





FP MP 40 mounting plate 486 x 306 mm













FP AP 40 Cover without cutouts as protection cover or for installation of equipment in enclosures size 4



FP PL 2 Sealing device for covers





FP TW 27 Partition (270 mm)



Partition (360 mm)



AS 18 Blanking strip of 18 modules 18 mm

FC PN 20

PE and N terminal FIXCONNECT® terminal technology for enclosures with 1x12 modules





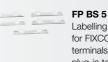












1 8 8





Main line branch

Main line branch

KKL 48

terminal

KKL 54

terminal

5-pole

4-pole



in to the



886

cover for fusegear space units: 10 + 16

FP BA 70 blanking cover H 160 x B 126 mm space units: 7





















KS 240/12 Terminal for direct connection on busbar 12 x 5 mm AM RK 150 Connection module 5-pole

space units: 8

HENSEL

ENYSTAR Overview Product Range Accessories

Mi SS 22

Bushar 12 x 5 mm busbar rated current 250 A as N/PF



Busbar support 250 A





Mi VS 160 Wiring strip rated current 160 A



Mi VS 250 Wiring strip rated current 250 A



BBBB

Mi HS 20 Auxiliary contact

Busbar connector

FP SV 25



MK 0107 Auxiliary changeover contact

Open-circuit shunt





release

MK 0106







DA 185 Terminal for direct connection. Cu

FP WT 1

Wall separator









FP VP 36

box wall 3

(360 mm)

Closing plate for





FP VS 20 Closing plate set

FP VS 10

Closing plate set

for box size 1





for box size 3

FP VS 30



Closing plate set



















FP DB 27

Canopy





for box wall 360 mm

width 270 mm and



width: 360 mm. height: 245 mm Mi DB 01 End plate for canopy



Flange for box wall 2 (270 mm). usable mounting area: 240 x 92 mm



Flange for box wall 2 (270 mm) sealing range: 17x Ø 6-13 mm, 2 x Ø 9-17 mm 2 x Ø 8-23 mm. 1 x Ø 11-30 mm



11













Flange for box wall 2 (270 mm) 2 cabel 72 mm max. external diameter sealing range: ie Ø 30-72 mm

FP FG 282 Cable insert, divisible

box wall 2 (270 mm) only with additional strain and pressure relief (e.g. FP ZE 272) 2 cabels 72 mm max. external diameter sealing range: 2 x Ø 30-72 mm

FP GS 27 Box fin, removable, for box walls 270 mm. for inserting cables

across 2 boxes





FP FG 300 Flange for box wall 3 (360 mm) usable mounting

area 330 x 92 mm

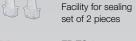
FP FG 331 Flange with integra-

ted grommets, box wall 3 (360 mm) sealing range: 22x Ø 6-13 mm. 6 x Ø 9-17 mm. 2 x Ø 8-23 mm. 1 x Ø 11-30 mm





FP PL 3











operation











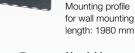


FP TA 1









Varnishing pen **RAL 7016,** 12 ml





ENYSTAR

Detail Dimensions in mm

ENYSTAC®

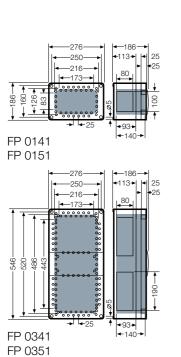
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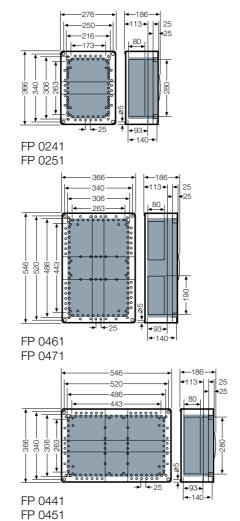
ENYSTAR Detail Dimensions in mm

ENYSTAP®

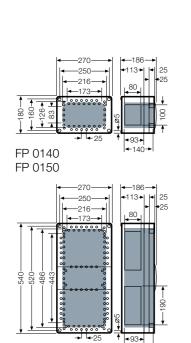
= usable installation space with mounted cable glands

ENYSTAR distribution boards with door lockings for hand operation and closing plates



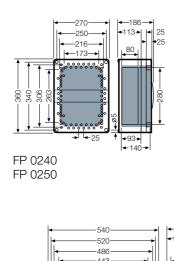


ENYSTAR distribution boards with door lockings for hand operation



FP 0340

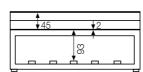
FP 0350

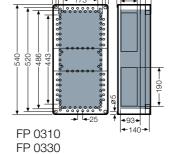


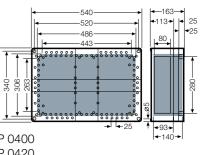
FP 0440

FP 0450

Mounting depth for device installation in covers

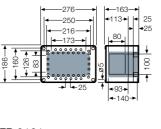


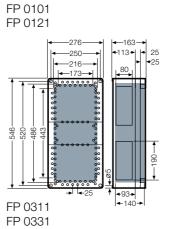


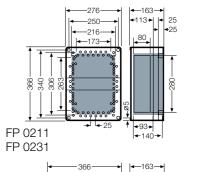


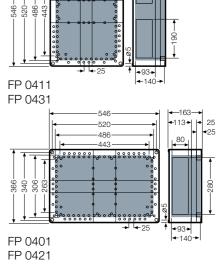
= usable installation space with mounted cable glands

ENYSTAR distribution boards with door lockings for tool-operation and closing plates

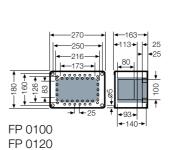


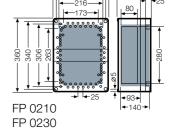


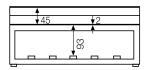




ENYSTAR distribution boards with door lockings for tool-operation







installation in covers

Mounting depth for device

Design and project engineering

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ENYSTAR Design and project engineering

ENYGUIDE

Comfortable project engineering fast and easily with the planning tool configurator ENYGUIDE

Determination of planning basis

Basis are the data for equipment assembly, technical data such as rated voltage and rated current as well as requirements to the system. These are to be determined in site or for project engineering technical specifications respectively tender documents are available.

Check list 1. Place of assembly Building: industrial Degree of protection: □ IP 54 Mounting area: Width max, 1,50 m Height max. 1,20 m Depth max. 0,50 m Conditions of installation: $\hfill \square$ in the locked electrical operating room in the workshops in corridors 2. Type of distribution board ENYSTAR distribution board .. ☐ floor-mounted 3. Power supply data

System: TT (L1/L2/L3/N)

Rated current of incoming supply: 160 A

Technical specifications

Insulation-enclosed box-type low-voltage switchgear assembly as distribution board in accordance with IEC 61 439 Part 3 built-up of combinable enclosures with door

as wall-mounted assembly

largest permissible dimensions: H/W/D in mm: 1200x1500x500

Enclosure bases with door made of thermoplastic.

Burning behaviour according to IEC 60 695-2-11 Glow wire test 960°C, halogenfree

Colour: grey, RAL 7035 transparent, lockable doors

Incoming cables from the floor

...

▼ TN (L1/L2/L3/PE/N)

Planning tool configurator

- online via Internet
- or offline

www.enyguide.eu



The CONFIGURATOR is a professional planning aid, with which the electrical specialist can provide himself fast and easily layouts and parts lists without any time-consuming program installation at the computer.

The professional planning aid plots the distribution board as precise 3-dimensional image for final customers and/or the user or as 2-dimensional drawing for the assembler. The user can choose via several layers between the projection of assemblies, covers and doors.

ENYGUIDE figures out independently the necessary accessories like the number of wall separators or closing plates for enclosure walls.

Homepage of the configurator **www.enyguide.eu**



Start directly with the project of ENYSTAR distribution boards or use the advantages of registration:

- personal project management
- user administration
- on demand the Hensel specialist can examine your project or take over your project data for the further processing.

ENYGUIDE

Comfortable project engineering of ENYSTAR distribution boards with the configurator ENYGUIDE

Selection of the enclosures with electrical functions and equipment



Simply and fast positioning of the enclosures and components on the drawing page

Selection of accessorules for installatin and wiring



- bus-mounted fusegear
- busbar connectors
- terminals for direct busbar connection
- covers
- DIN rails
- mounting plates
- PE and N terminals
- wiring and terminals

Specification of accessory



- Iflanges for cable entry
- if necessary locking device for doors
- wall fixtures
- partition walls

Connection of enclosures and closing of the remaining enclosure walls



A test function determines the required accessories with the configurator independently such as the number of wall separators and closing plates for enclosure walls.

21

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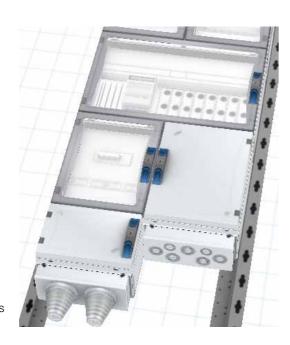
Comfortable project engineering fast and easily with the planning tool configurator **ENYGUIDE**

Creating a layout

- as 3-dimensional image for acquisition at your customer
- as 2-dimensional drawing of the layers enclosures with equipment, covers and doors for the assembler.

Automatically creating of parts list and order list according to

the layout.









The Company

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