

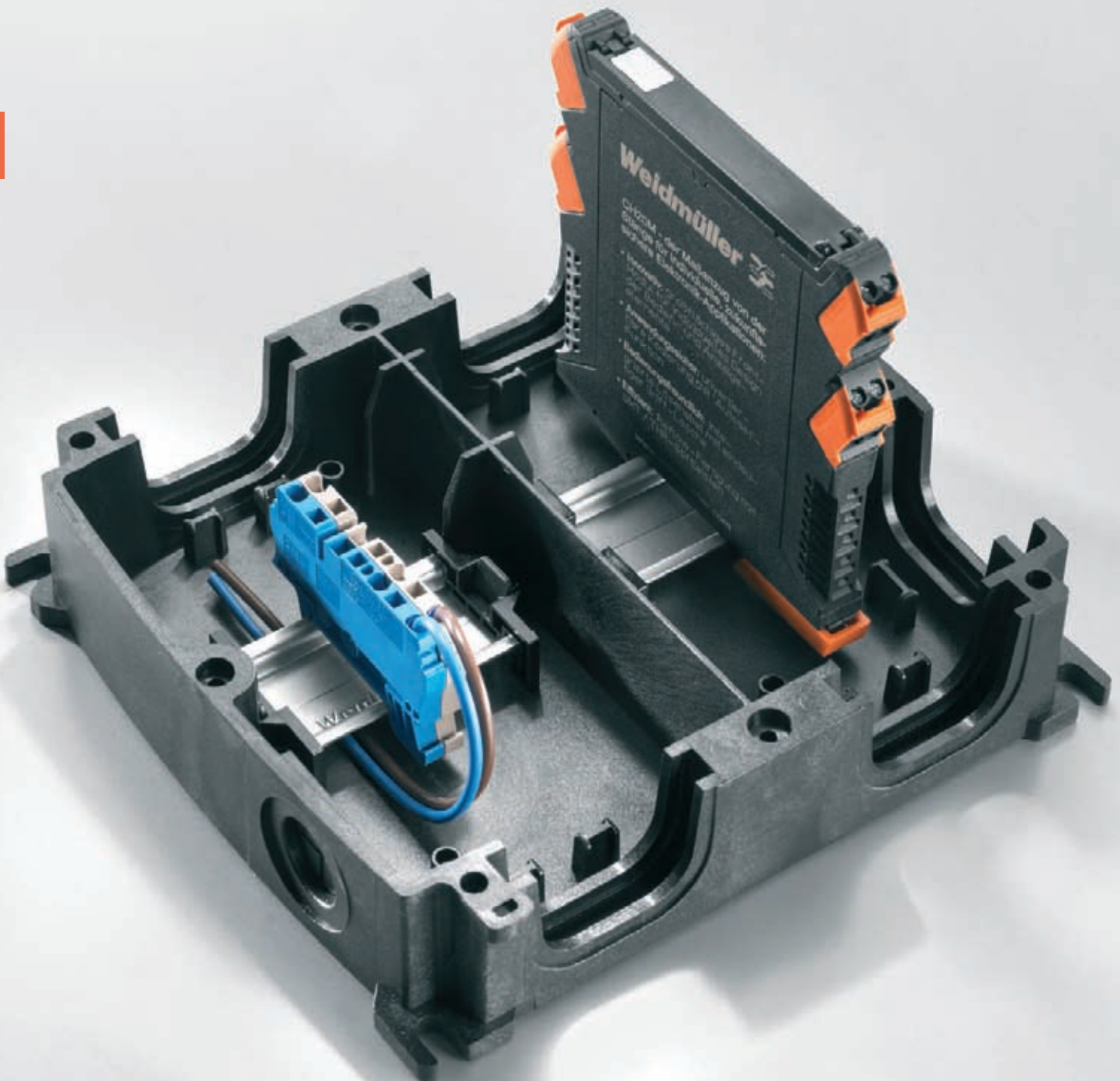
FieldPower®	Factory automation	F.2
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# FieldPower® Control

## Decentralised functional box on the power bus

FieldPower® Control features decentralised and modular functional components in IP65, using the ideal connection technology for AC and DC power supplies. The FieldPower® power distributor can function as a decentralised switch box by adding terminals, electronics housings and switching and protective units. Many parts of factory automation can thus be

decentralised using an arrangement of application specific modules. Simple project planning, quick installation, speedy assembly and good extensibility: these are just some of the advantages that FieldPower® Control provides for users.





## Modular components

FieldPower® terminals or a mounting rail can be placed as needed in the lower section in order to fit the needs of the individual application. Retractable IP65 seals allow pluggable cables to be inserted quickly. Either a flat or raised cover can be used depending on the requirements.



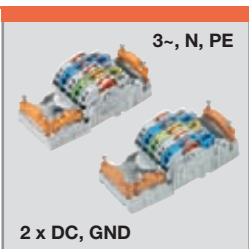
## Housing grouped together

If multiple housings are required, these can be aligned directly adjacent to each other. A seal connecting the two adjacent housings is sufficient in this case to provide IP54 protection. No line sheathing is required there. This saves times since the line needs to be stripped only once for the entire housing group.



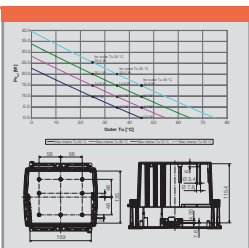
### Variable fastening mechanisms

The mounting rail provides 54 mm of installation width and can be used at two heights. This creates space for wires under the mounting rail. Mounting plates or circuit boards can easily be attached to the cover.



## Expanded voltage and current ranges

A variety of applications can be implemented with the help of the FieldPower® Terminals in the AC and DC versions up to 800 V/41 A.



## Help with project planning

Simple thermal layout using dimensioned drawings is possible (see page F.16) and by specifying the built-in power loss and optimal exploitation of available space.

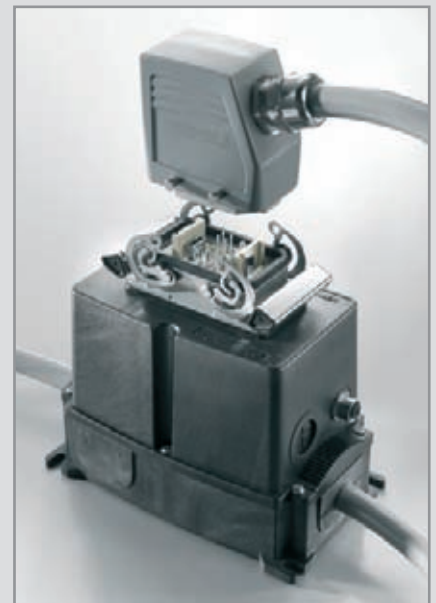
## Application specific solutions

Weidmüller offers not only individual components but also complete, custom-fit functional units.



Such units include switching devices, electronic components, terminal strips, connecting plugs, hinged lids and heat sinks.

Weidmüller can also customise the internal wiring and the assembly of the connecting cables to fit customer needs.



Please send requests to [KSL@weidmueller.de](mailto:KSL@weidmueller.de)

# FieldPower® Control

## Wind power and FieldPower® Box – partners that fit

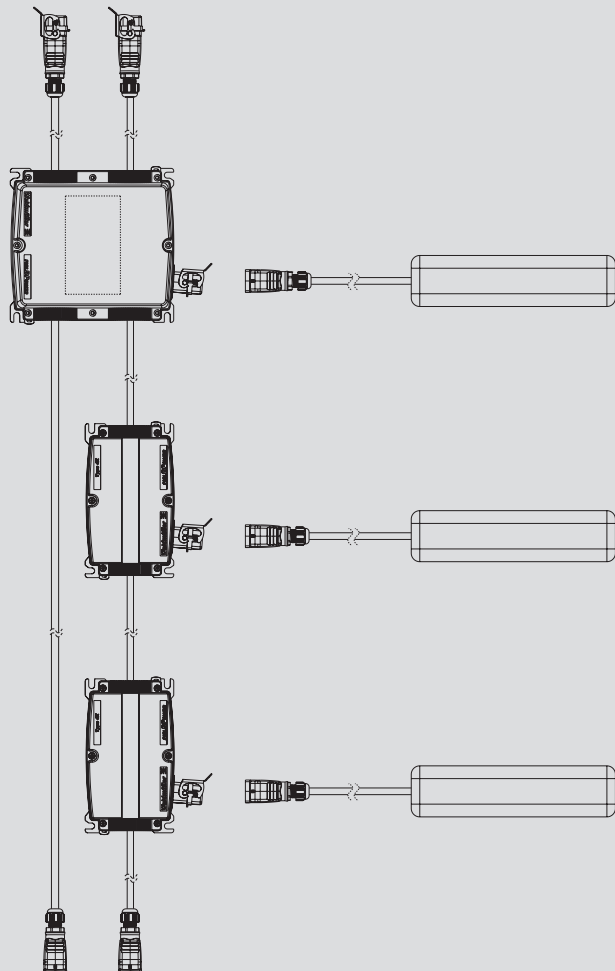
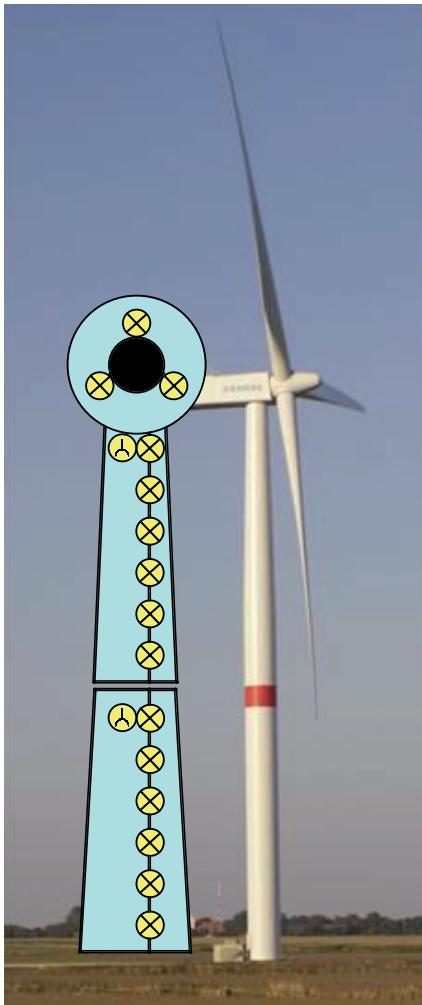
The FieldPower® Box is a perfect fit for use in wind power installations. The FP Box is a sturdy and easy-to-service solution for power distribution; as such it is an ideal match for the requirements of wind power.

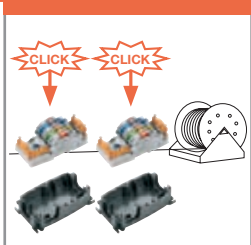
Wind turbine towers are equipped with regularly spaced outlets and lighting to facilitate maintenance work. Power generated directly at the top of the tower must then be distributed under harsh environmental conditions. The FieldPower® Box features IP65 protection and is perfectly suited for this task.

The FieldPower® Box is a particularly affordable solution for wind power facilities since it enables the entire electrical installation to be prepared ahead of time at the factory. An electrical expert is no longer needed at the construction site. The installable modules for the individual tower segments are easily put

together on site. In the same manner, pre-assembled and pre-tested connectors are used for connecting the outlets and lighting. This quick installation process is practically fault-proof and can be undertaken regardless of the ambient temperature. Later extensions – including additional branch lines – are just as simple to execute as the original installation.

Additional service functions are being added to the FieldPower® Box by our continually expanding product line. Customised applications can take advantage of the FieldPower® Control decentralised installation box. With this versatile installation platform, the outlet connection can be integrated directly into the power bus.





### Installation at different locations

Installation processes optimised for local conditions.

A winning strategy:

- Tower segments are delivered with installed lower shells.
- Cable segments are pre-assembled at the factory for a custom fit.
- The cable segments are unrolled at the construction site and the contact elements are then snapped into the lower shells.
- The electrical installation units are protected from vandalism during shipment. They can then be installed regardless of the temperature.



### Connecting tower segments

The segments can be connected in several different ways:

- An HDC connector in the cable lead
- The FieldPower® PTS 4 plug on the lower segment is inserted in the FieldPower® Box on the next segment.
- The FieldPower® Terminal is snapped into the top FieldPower® Box on the next segment and swivelled in to establish contact.

Since the voltage is supplied from below during construction and from above when operational, the last installation option is advisable. The fixed wiring ensures that all of the power supply installation is secure.

### Advantages

- Suitable for conventional round cables from 2.5 to 6 mm<sup>2</sup>
- Reduces installation time and installation errors
- Electricians are no longer required at the construction site
- Factory-assembled cable connections
- Improved versatility, handling and extensibility
- Can be used around the world

### Application specific solutions

Weidmüller offers not only individual components but also complete, custom-fit functional units. This includes outlets with FieldPower® housings and complete cable segments.



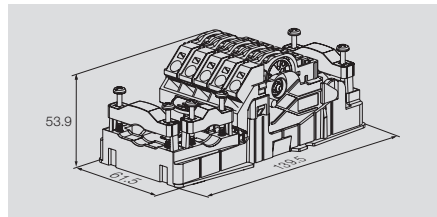
Please send requests to [KSL@weidmueller.de](mailto:KSL@weidmueller.de)



## PowerTerminal for AC/DC applications

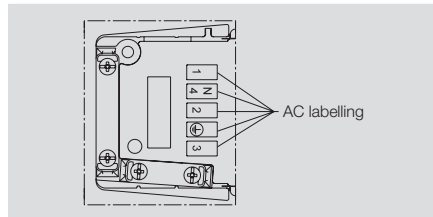
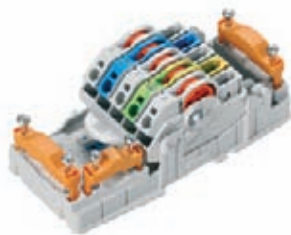
Contact element for power distribution using uncut wires with cross-sections from 2.5 to 6 mm<sup>2</sup>. Feed-in / T-branch tap via PUSH IN connection (0.75 to 10 mm<sup>2</sup>) and/or plug-in connection (0.5 to 4 mm<sup>2</sup>). Clear wire mapping with DC labelling and coded on PE pole.

- Power supply
- Power distribution
- Power branching



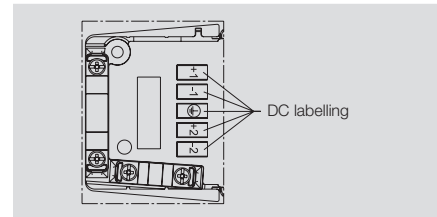
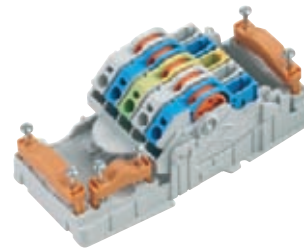
### PT6

for AC applications



### PT6 DC

for DC applications



## Technical data

### Rated data according to IEC 60947-7-1

Rated cross section  
Rated voltage / Rated current  
Rated impulse voltage

### General data

Insulation material/material colour  
UL 94 flammability rating  
free from halogens/Silicone-free  
Ingress protection class  
Assembly temperature range, min. – max.  
Operating temperature, min.-max.  
Can be coded

### IDC connection clamping capacity - power cable

solid, min.-max.  
stranded, min.-max.  
flexible, min.-max.  
flexible, min.-max.  
Blade size

### PUSH IN connection clamping capacity - distribution

solid, min.-max.  
stranded, min.-max.  
flexible, min.-max.  
flexible, wire end ferrule 8 mm, DIN 46228/1, min-max.  
flexible, wire end ferrule 8 mm, DIN 46228/4, min-max.  
flexible, wire end ferrule 12 mm, DIN 46228/1, min-max.  
flexible, wire end ferrule 12 mm, DIN 46228/4, min-max.  
flexible, min.-max.  
Stripping length / Blade size

### Rated data according to UL

Standard  
Rated voltage / Rated current  
AWG conductor (field wiring) min./max.  
Note

6 mm<sup>2</sup>  
800 V / 41 A  
8 kV

PA/grey  
V0  
Yes/Yes  
IP 20  
10 °C ... 40 °C  
-40 °C ... 55 °C  
Yes/Coded on PE

1.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
2.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
2.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
2.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
0.6 x 3.5 mm

0.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
0.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
0.5 mm<sup>2</sup>...10 mm<sup>2</sup>  
0.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
0.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
0.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
0.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
14 mm / 0.6 x 3.5 mm

UL 1059  
600 V/30 A  
14 /10  
For use with UL-listed TC-ER cables

6 mm<sup>2</sup>  
800 V / 41 A  
8 kV

PA/grey  
V0  
Yes/Yes  
IP 20  
10 °C ... 40 °C  
-40 °C ... 55 °C  
Yes/Coded on PE

1.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
2.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
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0.6 x 3.5 mm

0.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
0.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
0.5 mm<sup>2</sup>...10 mm<sup>2</sup>  
0.5 mm<sup>2</sup>...6 mm<sup>2</sup>  
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14 mm / 0.6 x 3.5 mm

UL 1059  
600 V/30 A  
14 /10  
For use with UL-listed TC-ER cables

Note

UL approval is pending.

## Ordering data

Note

## Accessories

Note

Type	Qty.	Order No.
PT6	1	1957620000

Plug-in connector PTS 4 1952120000  
Plug-in connector PTDS 4 1952130000

Type	Qty.	Order No.
PT6 DC	1	1126840000

Plug-in connector PTS 4 DC 1131730000  
Plug-in connector PTDS 4 DC 1009990000

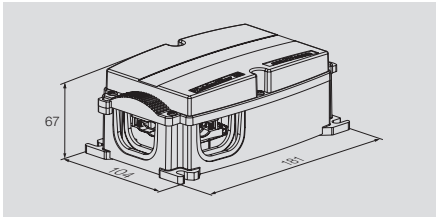
FieldPower® Control housing

The housings can be assembled in the course of the mechanical work.  
The PT6... contact unit is simply snapped on with or without power bus.  
Optionally, the „TS 35 PT6“ mounting rail module can be used.

GH PT6



BG GHDE PT6



Technical data

Insulating material  
Material colour  
UL 94 flammability class  
Halogen-free / Silicone-free  
Degree of protection when closed  
Temperature range  
Cover attachment  
Housing attachment

PC GF 10  
black  
5VA  
Yes / Yes  
IP65  
-40 °C ... 55 °C  
Screws  
Mounting tabs

PC GF 10  
black  
5VA  
Yes / Yes  
IP65  
-40 °C ... 55 °C  
Screws

F

Note

Ordering data

Note

Accessories



Note

Type	Qty.	Order No.
GH PT6	10	1070140000

Type	Qty.	Order No.
TS 35 PT6	10	1170690000

Usable width of 54 mm,  
can be installed in 1070140000, 1121980000, 1121990000

Type	Qty.	Order No.
BG GHDE PT6	10	1068890000

FieldPower® Control

FieldPower® Control housing

The housings can be assembled in the course of the mechanical work.  
 The PT6... contact unit is simply snapped on with or without power bus.  
 Optionally, the „TS 35 PT6“ mounting rail module can be used.

GH 10P PT6



BG GH 10P 4XVG PT6

With 4 additional M20 cable glands



Technical data

Insulating material  
 Material colour  
 UL 94 flammability class  
 Halogen-free / Silicone-free  
 Degree of protection when closed  
 Temperature range  
 Cover attachment  
 Housing attachment

PC GF 10  
 black  
 5VA  
 Yes / Yes  
 IP65  
 -40 °C ... 55 °C  
 Screws  
 Mounting tabs

PC GF 10  
 black  
 5VA  
 Yes / Yes  
 IP65  
 -40 °C ... 55 °C  
 Screws  
 Mounting tabs

Note

Clamping range of the cable glands 6–12 mm

Ordering data

Note

Housing cover BG GHDE 10P PT6 1122200000  
 Housing cover BG GHDE 10P HO PT6 1121950000

Accessories



Note

Type	Qty.	Order No.
TS 35 PT6	10	1170690000
Usable width of 54 mm, can be installed in 1070140000, 1121980000, 1121990000		

Type	Qty.	Order No.
TS 35 PT6	10	1170690000
Usable width of 54 mm, can be installed in 1070140000, 1121980000, 1121990000		

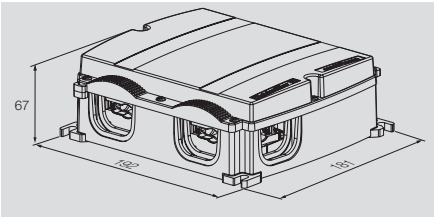
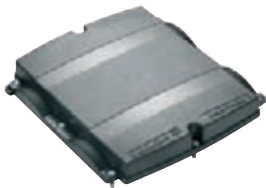


FieldPower® Control housing

The housings can be assembled in the course of the mechanical work.  
The PT6... contact unit is simply snapped on with or without power bus.  
Optionally, the „TS 35 PT6“ mounting rail module can be used.

BG GHDE 10P PT6

BG GHDE 10P HO PT6



Technical data

Insulating material  
Material colour  
UL 94 flammability class  
Halogen-free / Silicone-free  
Degree of protection when closed  
Temperature range  
Cover attachment  
Housing attachment

PC GF 10
black
5VA
Yes / Yes
IP65
-40 °C ... 55 °C
Screws

PC GF 10
black
5VA
Yes / Yes
IP65
-40 °C ... 55 °C
Screws

F

Note

Housing height: 67 mm

Housing height: 164 mm

Ordering data

Type	Qty.	Order No.
BG GHDE 10P PT6	10	1122200000
Housing base section GH 10P PT6 1121980000		
Housing base section BG GH 10P 4XVG PT6 1121990000		

Type	Qty.	Order No.
BG GHDE 10P HO PT6	10	1121950000
Housing base section GH 10P PT6 1121980000		
Housing base section BG GH 10P 4XVG PT6 1121990000		

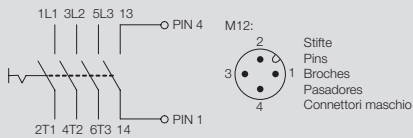
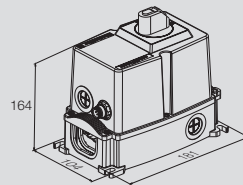
Note

Accessories

Note

**Cover with maintenance switch**

Decentralised maintenance switch (ABB) with on/off function.  
Connects to uncut power cable using a pre-assembled connector.  
Feedback signal for switch position is possible via M12 connection.

**BG GHDE HO SA UL PT6**  
for AC applications**GHDE 10P HO ON/OFF PTS4**  
for AC applications**Technical data****General data**

Insulating material / material colour  
UL 94 flammability class  
Halogen-free / silicone-free  
Protection degree  
Temperature range, assembly, min. max  
Operating temperature, min.-max.  
Can be coded

**Technical specifications switch**

Standard 60947-3  
Switch type/Auxiliary contact  
Pollution degree  
Operating voltage  
Rated current AC-23A  
Power rating AC-23A  
Clamping capacity, min.-max.  
AWG wire size, min.-max.  
Torque for terminal connections

Polycarbonate / black

5VA

Yes / Yes

IP 65

10 °C ... 40 °C

-40 °C ... 40 °C

Yes / Coded on PE

IEC 60947-3

ABB OT16ET3/ABB OA1G10

3

440 V

16 A

7.5 kW

0.75 mm<sup>2</sup>...10 mm<sup>2</sup>

AWG 18 ...AWG 8

0.8 Nm

Polycarbonate / black

5VA

Yes / Yes

IP 65

10 °C ... 40 °C

-40 °C ... 40 °C

Yes / Coded on PE

IEC 60947-3

ABB OT16ET3/ABB OA1G10

3

440 V

16 A

7.5 kW

0.75 mm<sup>2</sup>...10 mm<sup>2</sup>

AWG 18 ...AWG 8

0.8 Nm

**Note****Ordering data**

Type	Qty.	Order No.
BG GHDE HO SA UL PT6	1	1113120000

Bottom section of housing GH PT6 1070140000

Type	Qty.	Order No.
GHDE 10P HO ON/OFF PTS4	1	8000005211

Bottom housing section GH 10P PT6 1121980000  
Bottom housing section GH 10P 4XVG PT6 1121990000**Note****Accessories****Note**

Lockable with up to three security locks to protect against accidental power-up.

Lockable with up to three security locks to protect against accidental power-up.



## Accessories

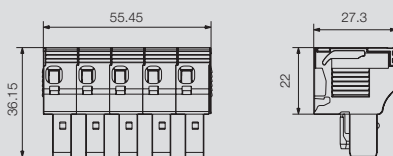
### Connector for AC applications

Plug-in connector for use by the pluggable output of the contact elements. Individual wires can be connected with PUSH IN method: for cross-sections from 0.5 to 4 mm².

Can be coded and locked, with printing for trouble-free wiring.

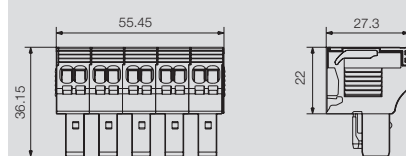
Clear wire mapping with coding for PE connections.

### PTS 4



### PTDS 4

2 connections per pole



### Technical data

#### Rated data according to IEC 60947-7-1

Rated cross-section

Rated voltage / Rated current

Rated impulse voltage

#### General data

Type of mounting

Insulation material/material colour

UL 94 flammability rating

Continuous operating temp., min.-max.

Outgoing direction of conductor

Test point

Can be coded

Conductor connection system

No. of poles

Number of connections / pole

#### Clamping capacity, Push-In connection

Clamping range, min.-max.

Solid, min.-max.

Stranded, min.-max.

Flexible, min.-max.

Flexible, ferrule, 8 mm, DIN 46228/1, min.-max.

Flexible, ferrule, 8 mm, DIN 46228/4, min.-max.

Flexible, ferrule, 12 mm, DIN 46228/1, min.-max.

Flexible, ferrule, 12 mm, DIN 46228/4, min.-max.

Flexible, min.-max.

Stripping length/Blade size

#### Rated data acc. to UL

Standard

Rated voltage/Rated current

AWG conductor (field wiring), min./max.

4 mm²

690 V / 32 A

8 kV

Plugged

PA GF/black

V0

-50 °C ... 120 °C

90°

2 mm

Yes/Coded on PE

PUSH IN

5

1

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

12 mm / 3.0 x 0.5 mm

UL 1059

600 V/20 A

16 / 12

4 mm²

690 V / 32 A

8 kV

Plugged

PA GF/black

V0

-50 °C ... 120 °C

90°

2 mm

Yes/Coded on PE

PUSH IN

5

2

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

0.5 mm² ... 4 mm²

12 mm / 3.0 x 0.5 mm

UL 1059

600 V/20 A

16 / 12

#### Note

### Ordering data

#### Note

### Accessories

#### Note

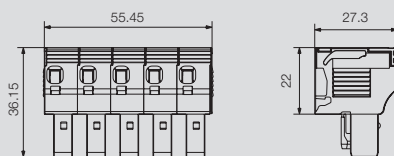
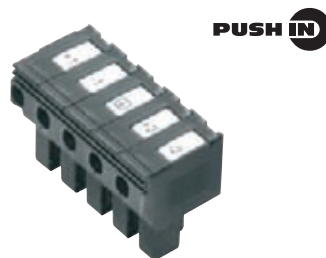
ZVR ZP2.5 locking element 1816130000

ZVR ZP2.5 locking element 1816130000

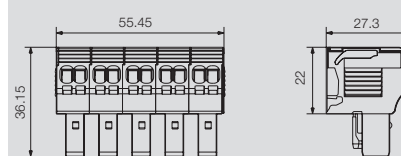
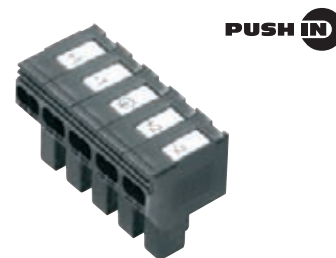
## Plug-in connectors for DC applications

Plug-in connectors for use with the pluggable outlet of the PT6 contact elements. Single-wire PUSH IN connection for wire cross-sections ranging from 0.5 to 4 mm<sup>2</sup>. Can be coded and latched down. Clear wire mapping with DC labelling and coding for PE connections.

### PTS 4 DC



### PTDS 4 DC



## Technical data

### Rated data according to IEC 60947-7-1

Rated cross-section  
Rated voltage / Rated current  
Rated impulse voltage

### General data

Type of mounting  
Insulation material/material colour  
UL 94 flammability rating  
Continuous operating temp., min.-max.  
Outgoing direction of conductor  
Test point  
Can be coded  
Conductor connection system  
No. of poles  
Number of connections / pole

### Clamping capacity, Push-In connection

Clamping range, min.-max.  
Solid, min.-max.  
Stranded, min.-max.  
Flexible, min.-max.  
Flexible, ferrule, 8 mm, DIN 46228/1, min-max.  
Flexible, ferrule, 8 mm, DIN 46228/4, min-max.  
Flexible, ferrule, 12 mm, DIN 46228/1, min-max.  
Flexible, ferrule, 12 mm, DIN 46228/4, min-max.  
Flexible, min.-max.  
Stripping length/Blade size

### Rated data acc. to UL

Standard  
Rated voltage/Rated current  
AWG conductor (field wiring), min./max.

4 mm<sup>2</sup>  
690 V / 32 A  
8 kV

Plugged  
PA GF/black  
V0  
-50 °C ... 120 °C  
90°  
2 mm  
Yes/Coded on PE  
Push In  
5  
1

0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
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0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
12 mm / 3.0 x 0.5 mm

UL 1059  
600 V/20 A  
16 /12

4 mm<sup>2</sup>  
690 V / 32 A  
8 kV

Plugged  
PA GF/black  
V0  
-50 °C ... 120 °C  
90°  
2 mm  
Yes/Coded on PE  
Push In  
5  
2

0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
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0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
12 mm / 3.0 x 0.5 mm

UL 1059  
600 V/20 A  
16 /12

### Note

UL approval is pending.

UL approval is pending.

## Ordering data

Type	Qty.	Order No.
PTS 4 DC	10	1131730000

Type	Qty.	Order No.
PTDS 4 DC	10	1009990000

### Note

## Accessories

### Note

ZVR ZP2.5 locking element 1816130000

ZVR ZP2.5 locking element 1816130000

## Accessories

### Fuse plug

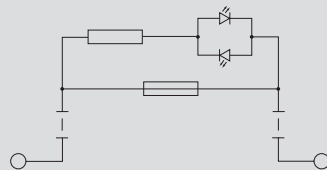
Max. power loss for G fuse terminals in accordance with IEC 60947-7-3:

- Overload protection: 1.6 W (overload operation)
- Short-circuit protection: 2 W (rated operation)

Max. power loss per fuse at 23°C Tu.

Do not exceed the max. power loss when selecting fuse cartridges. When a fuse is defective, the subsequent circuit is not voltage free.

### PTSI 4



### A practical tip:

Space for spare fuses



### Technical data

#### Rated data according to IEC 60947-7-1

Rated cross-section  
Rated voltage / Rated current  
Rated impulse voltage

#### General data

Cartridge fuse  
Outage display  
Type of mounting  
Insulation material/material colour  
UL 94 flammability rating  
Continuous operating temp., min.-max.  
Outgoing direction of conductor  
Test point  
Can be coded  
Conductor connection system  
No. of poles  
Number of connections / pole

#### Clamping capacity, Push-In connection

Clamping range, min.-max.  
Solid, min.-max.  
Stranded, min.-max.  
Flexible, min.-max.  
Flexible, ferrule, 8 mm, DIN 46228/1, min-max.  
Flexible, ferrule, 8 mm, DIN 46228/4, min-max.  
Flexible, ferrule, 12 mm, DIN 46228/1, min-max.  
Flexible, ferrule, 12 mm, DIN 46228/4, min-max.  
Flexible, min.-max.  
Stripping length/Blade size

#### Rated data acc. to UL

Standard  
Rated voltage/Rated current  
AWG conductor (field wiring), min./max.

4 mm<sup>2</sup>  
690 V / 32 A  
8 kV  
6.3 x 32 mm (1/4 x 1 1/4")  
LED red  
Plugged  
PA GF/black  
V0  
-50 °C ... 120 °C  
90°  
2 mm  
Yes/Coded on PE  
PUSH IN  
5  
1

0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
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0.5 mm<sup>2</sup> ... 4 mm<sup>2</sup>  
12 mm / 3.0 x 0.5 mm

UL 1059  
600 V/20 A  
16 / 12

#### Note

Safety fuse not included in delivery.  
Rated voltage and rated current with fuse are determined by the G-fuse cartridge in use.

### Ordering data

Type	Qty.	Order No.
PTSI 4/LD 400V AC	1	1961770000

#### Note

### Accessories

#### Note

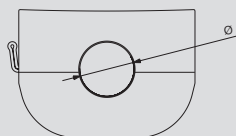
ZVR ZP2.5 locking element 1816130000



## Seals for FieldPower® Box

IP65 enclosure seals for the FieldPower® Box modules: made from silicone-free, halogen-free plastic. The seals are slit in the middle to allow for simple installation with uncut power cables.

## Seal for round cable



## Blanking seal



## Technical data

### General data

Material  
UL 94 flammability class  
Colour  
Thickness  
Line type  
Free from halogens  
Silicone-free  
Ingress protection class

EPDM  
HB  
black  
18 mm  
round  
Yes  
Yes  
IP 65

EPDM  
HB  
black  
18 mm  
Yes  
Yes  
IP 65

F

### Note

## Ordering data

### Clamping range Ø

7.5 - 9 mm  
9 - 11 mm  
11 - 13 mm  
13 - 15 mm  
15 - 17 mm

Type	Qty.	Order No.
RKDG D9 PT6	10	4329610000
RKDG D11 PT6	10	4323210000
RKDG D13 PT6	10	4323230000
RKDG D15 PT6	10	4323220000
RKDG D17 PT6	10	4324010000

Type	Qty.	Order No.
DG D0 PT6	10	4323240000

### Note

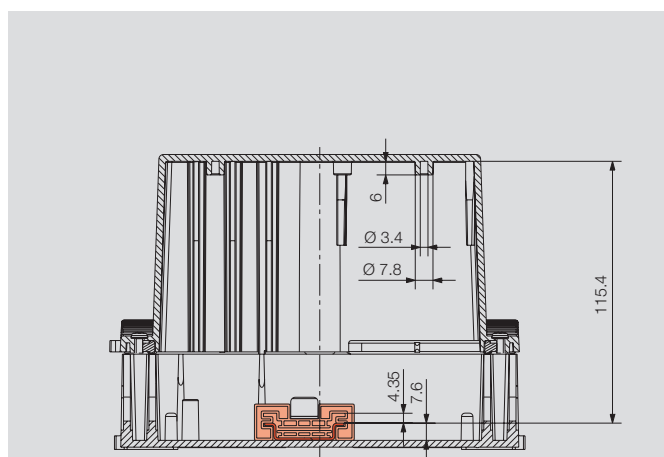
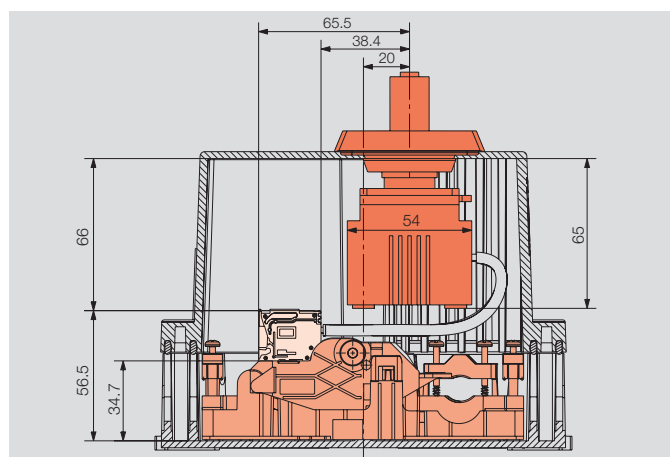
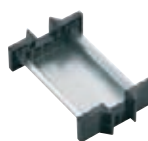
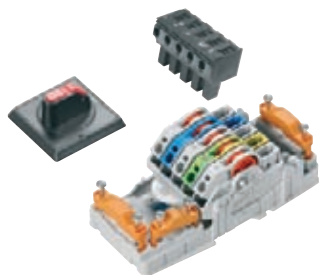
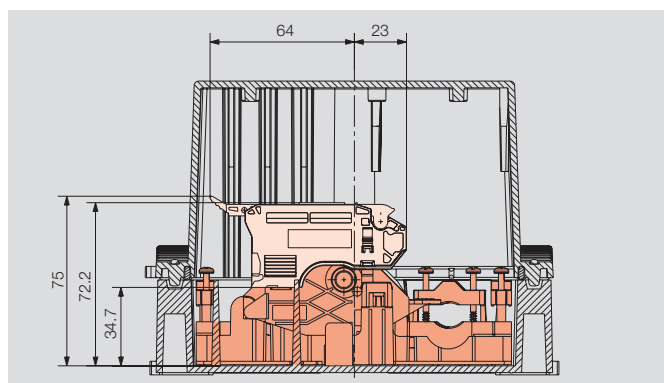
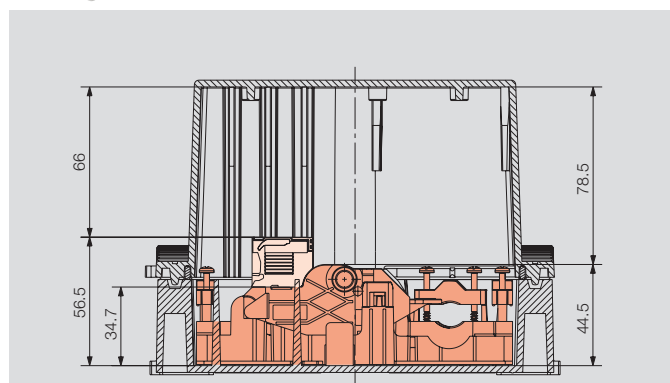
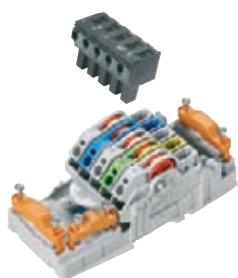
## Accessories

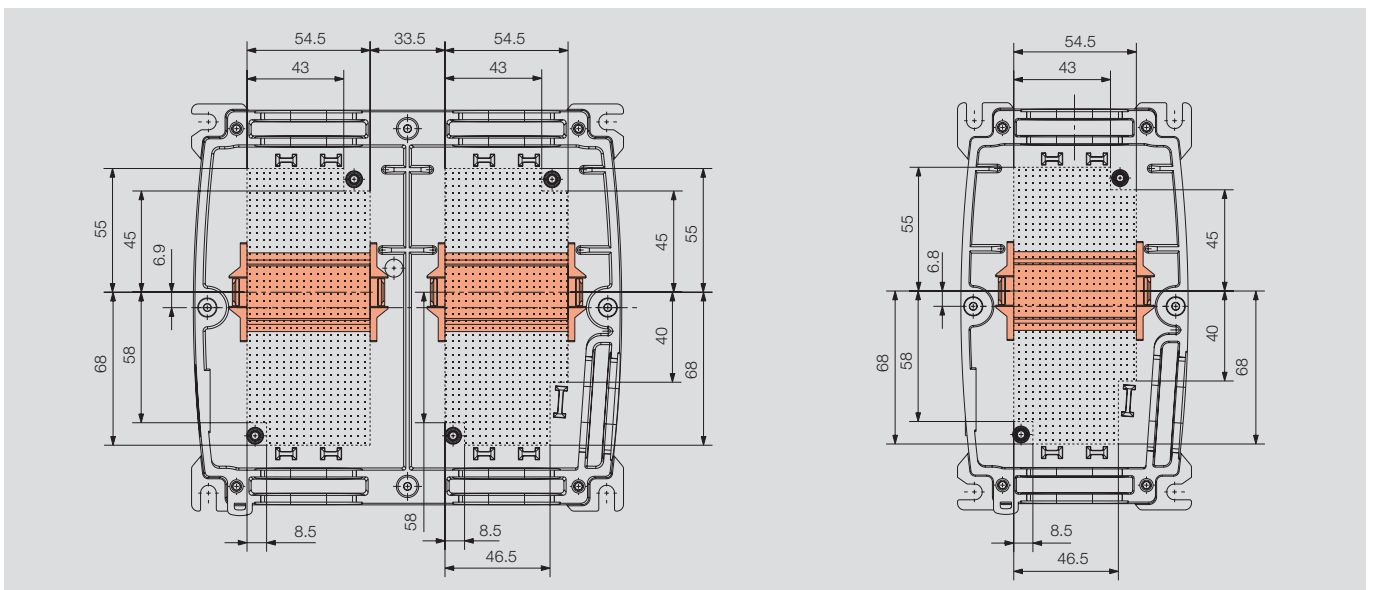
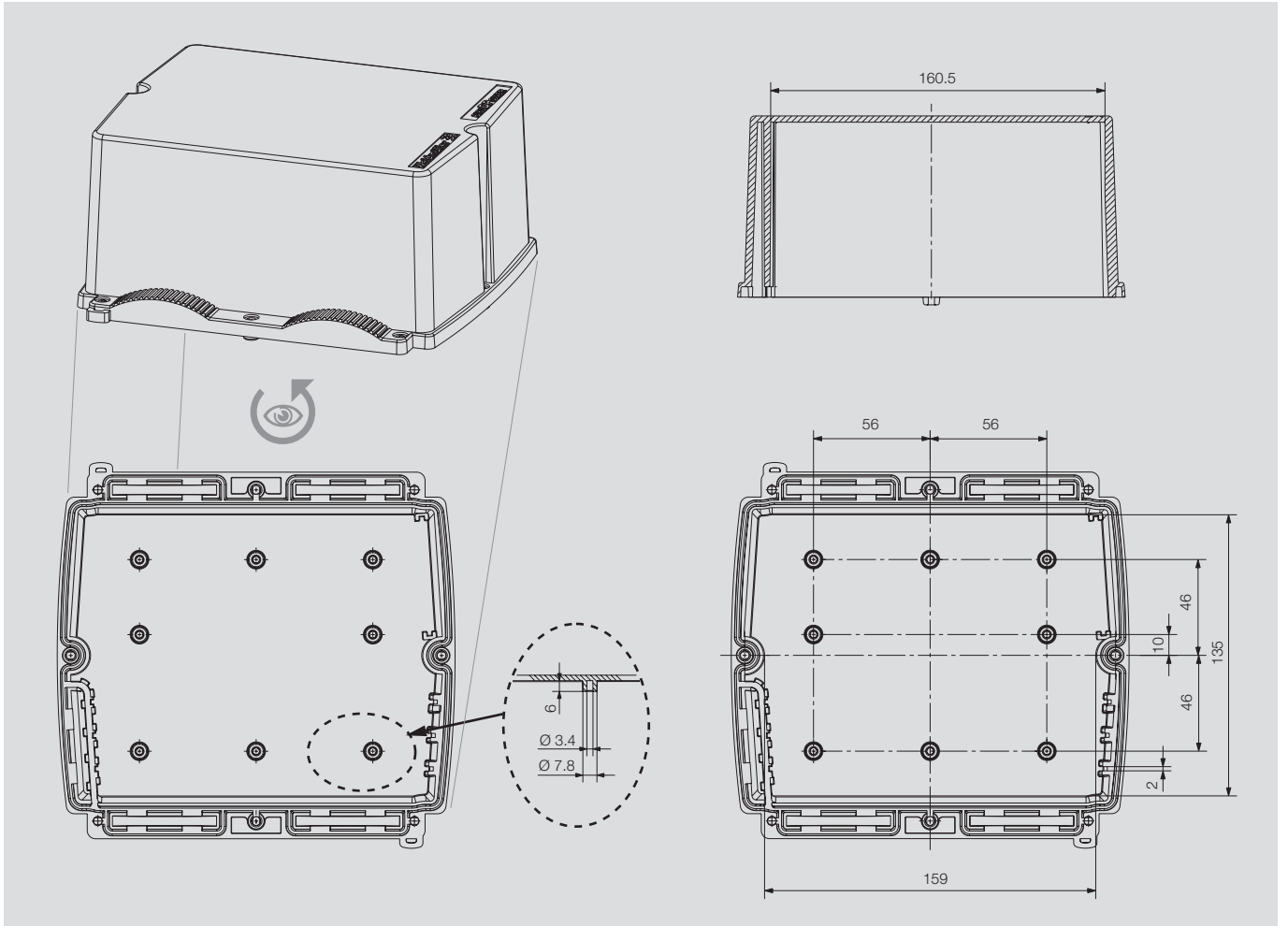
### Note

# Help with project planning

## FieldPower® Control

CAD models can be found in our online catalogue at  
<http://catalog.weidmueller.com>





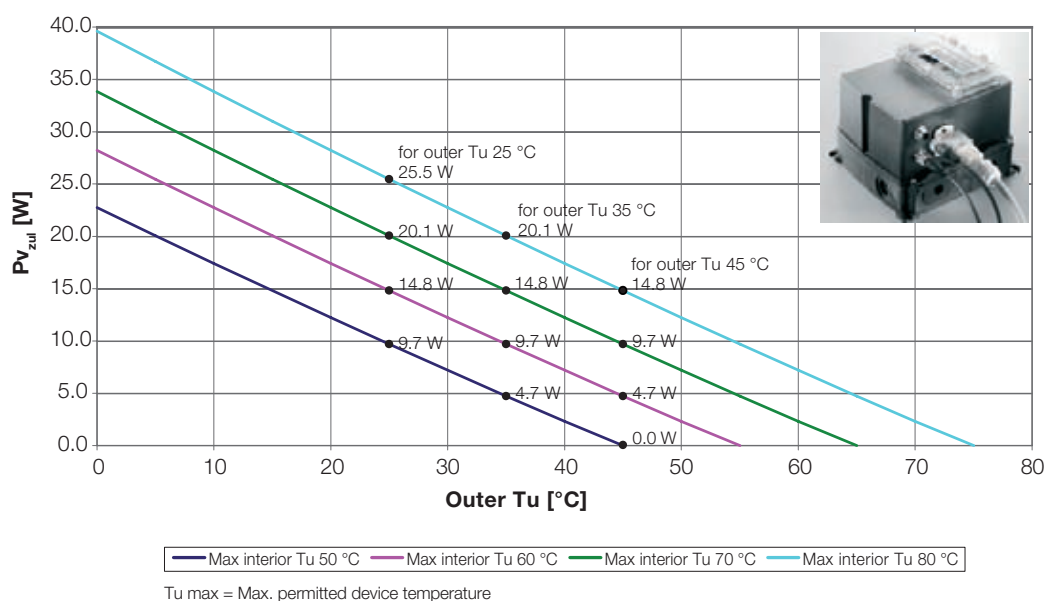
# Help with project planning

## FieldPower® Control

### Built-in power loss

Permitted built-in power loss in relation to the external ambient temperature and the maximum ambient temperature for the components built in to the FieldPower® Box 10P HO **with hinged lid** of type Fibox

$P_{V_{zul}}$  = Permitted built-in power loss



Permitted built-in power loss in relation to the external ambient temperature and the maximum ambient temperature for the components built in to the FieldPower® Box 10P HO **without hinged lid**

$P_{V_{zul}}$  = Permitted built-in power loss

