

**FP ENC BS 042 2B****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The FieldPower® housings are highly robust and meet the highest UL flammability class 5 VA.

- The "TS 35 PT6" mounting rail module and PT6 contact unit are easy to snap on.
- Hinged seals allow pre-assembled plug cables to also be used.
- The high cover versions enable the device to be installed.

For cable seals consult accessories.

**General ordering data**

Version	FieldPower® enclosures, 196 mm, 196 mm, 42 mm, IP65, in complete state, glass-fibre reinforced polycarbonate, black
Order No.	<a href="#">2659710000</a>
Type	FP ENC BS 042 2B
GTIN (EAN)	4050118704075
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	42 mm	Depth (inches)	1.654 inch
Height	196 mm	Height (inches)	7.717 inch
Width	196 mm	Width (inches)	7.717 inch
Net weight	297.62 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
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## General data

Material	Polycarbonate, glass fibre reinforced	Enclosure material	glass-fibre reinforced polycarbonate
Silicone	No	Colour	black
Protection degree	IP65, in complete state	UL 94 flammability rating	5VA
Type of mounting	Screw mounting, Fixing lugs		

## Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ECLASS 9.0	27-18-01-01	ECLASS 9.1	27-18-92-90
ECLASS 10.0	27-18-01-01	ECLASS 11.0	27-18-01-01
ECLASS 12.0	27-18-01-01	ECLASS 13.0	27-18-01-01
ECLASS 14.0	27-18-01-01		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3
SCIP	5f19cd84-8946-4797-9386-3ac323b95c10

## Approvals

ROHS	Conform
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## Downloads

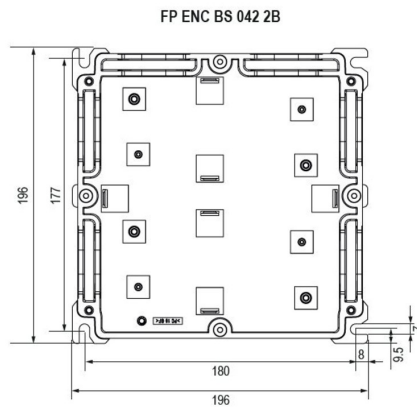
Approval/Certificate/Document of Conformity	<a href="#">Manufacturer's Declaration FieldPower® Enclosure parts</a>
Engineering Data	<a href="#">CAD data – STEP</a> <a href="#">Application notes – Application note FieldPower® size 2 and 3 plastic enclosure temperature information</a> <a href="#">Application notes – Applikationshinweis FieldPower® Größe 2 und 3 Kunststoffgehäuse Temperaturbewertung</a> <a href="#">Success story – FieldPower® customer reference PRO-EL</a> <a href="#">Success story – FieldPower® Kundenreferenz PRO-EL</a> <a href="#">Application note FieldPower® ur20 and uc20</a> <a href="#">Applikationshinweis FieldPower® ur20 und uc20</a>
User Documentation	<a href="#">Manual FieldPower® enclosure size 2</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Drawings

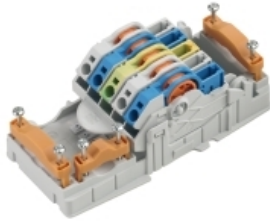


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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****DC**

Power distribution using uncut cables with cross-sections from 1.5 to 6 mm<sup>2</sup>.

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm<sup>2</sup>) and/or plug-in connection (0.5 to 4 mm<sup>2</sup>).

Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

**General ordering data**

Type	PT6 DC	Version
Order No.	<a href="#">1126840000</a>	FieldPower® contact element, DC, IP20, Insulation displacement
GTIN (EAN)	4032248908462	connection (IDC), PUSH IN, Number of poles : 5
Qty.	1 pc(s).	

**IP68 version**

In addition to the extensive range of enclosures,

Weidmüller offers a variety of cable glands for a wide range of applications.

The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure.

Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

**General ordering data**

Type	VG M20-1/K68	Version
Order No.	<a href="#">1772300000</a>	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10
GTIN (EAN)	4032248129966	mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30
Qty.	50 pc(s).	min.), Polyamide 6
Type	VG M20 - K 68	Version
Order No.	<a href="#">2811470000</a>	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10
GTIN (EAN)	4064675292227	mm, OD min. 10 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar (30
Qty.	50 pc(s).	min.), Polyamide 6

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## Accessories

## Plastic lock nuts, grey



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

## General ordering data

Type	SKMU M20 - K GR	Version
Order No.	<a href="#">1772460000</a>	SKMU PA (plastic locknut), Locknut, M 20, 6 mm, Polyamid 6 (PA6 -
GTIN (EAN)	4032248130207	GF30)
Qty.	100 pc(s).	

## Generation 2



The FieldPower® housings are highly robust and meet the highest UL flammability class 5 VA.

- The "TS 35 PT6" mounting rail module and PT6 contact unit are easy to snap on.
- Hinged seals allow pre-assembled plug cables to also be used.
- The high cover versions enable the device to be installed.

For cable seals consult accessories.

## General ordering data

Type	FP ENC TS 113 2C	Version
Order No.	<a href="#">2659730000</a>	FieldPower® enclosures, 191 mm, 191 mm, 113 mm, IP65, in
GTIN (EAN)	4050118703252	complete state, Polycarbonate, Transparent
Qty.	1 pc(s).	
Type	FP ENC AS 178 2C	Version
Order No.	<a href="#">2659740000</a>	FieldPower® enclosures, 191 mm, 191 mm, 178 mm, IP65, in
GTIN (EAN)	4050118703245	complete state, Aluminium, Aluminium
Qty.	1 pc(s).	
Type	FP ENC BS 113 2C	Version
Order No.	<a href="#">2659720000</a>	FieldPower® enclosures, 191 mm, 191 mm, 113 mm, IP65, in
GTIN (EAN)	4050118703238	complete state, glass-fibre reinforced polycarbonate, black
Qty.	1 pc(s).	

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## Accessories

## AC



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm<sup>2</sup>.

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm<sup>2</sup>) and/or plug-in connection (0.5 to 4 mm<sup>2</sup>).

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- Power supply
- Power distribution
- Power branching

## General ordering data

Type	PT6	Version
Order No.	<a href="#">1957620000</a>	FieldPower® contact element, AC, IP20, Insulation displacement
GTIN (EAN)	4032248642489	connection (IDC), PUSH IN, Number of poles : 5
Qty.	1 pc(s).	

## Seals



### Intelligent cabling solutions can save you valuable time and money.

The FieldPower® modular system contains the right solution for every cabling task.

Foldable seals for the use of pre-assembled cables

Seals available with M16 and M20 connection thread

Integration of operating and signalling devices into the seal possible

## General ordering data

Type	RKDGE D2X6,5 PT6	Version
Order No.	<a href="#">2443800000</a>	Field Power® sealing insert, Slotted sealing insert, IP54, in
GTIN (EAN)	4050118457704	combination with RKDG D17 PT6, with corresponding enclosure, TPE-
Qty.	10 pc(s).	V
Type	RKDG D13 PT6	Version
Order No.	<a href="#">4323230000</a>	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248641239	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 pc(s).	
Type	DG M20 PT6	Version
Order No.	<a href="#">2545550000</a>	Field Power® sealing insert, Seal with connection thread, IP65, with
GTIN (EAN)	4050118555530	corresponding enclosure, EPDM
Qty.	1 pc(s).	
Type	RKDG D11 PT6	Version
Order No.	<a href="#">4323210000</a>	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248641215	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 pc(s).	
Type	DG D0 PT6	Version
Order No.	<a href="#">4323240000</a>	Field Power® sealing insert, Blank seal, IP65, with corresponding
GTIN (EAN)	4032248641246	enclosure, EPDM
Qty.	10 pc(s).	

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## Accessories

Type	DG M16 PT6	Version
Order No.	<a href="#">2545540000</a>	Field Power® sealing insert, Seal with connection thread, IP65, with
GTIN (EAN)	4050118555523	corresponding enclosure, EPDM
Qty.	1 pc(s).	
Type	RKDG D24 WG PT6	Version
Order No.	<a href="#">1069060000</a>	Field Power® sealing insert, Seal, IP54, with corresponding enclosure,
GTIN (EAN)	4032248827053	EPDM
Qty.	10 pc(s).	
Type	RKDG D15 PT6	Version
Order No.	<a href="#">4323220000</a>	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248641222	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 pc(s).	
Type	RKDG 2XD8.5 WG PT6	Version
Order No.	<a href="#">1114530000</a>	Field Power® sealing insert, Seal, IP54, with corresponding enclosure,
GTIN (EAN)	4032248892624	EPDM
Qty.	10 pc(s).	
Type	RKDG D17 PT6	Version
Order No.	<a href="#">4324010000</a>	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248641284	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 pc(s).	
Type	RKDG D9 PT6	Version
Order No.	<a href="#">4329610000</a>	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248668687	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 pc(s).	
Type	RKDGE D4X4 PT6	Version
Order No.	<a href="#">2443760000</a>	Field Power® sealing insert, Slotted sealing insert, IP54, in
GTIN (EAN)	4050118457643	combination with RKDG D17 PT6, with corresponding enclosure, TPE-
Qty.	10 pc(s).	V
Type	RKDG D18 WG PT6	Version
Order No.	<a href="#">2491870000</a>	Field Power® sealing insert, Seal, IP54, with corresponding enclosure,
GTIN (EAN)	4050118501537	EPDM
Qty.	10 pc(s).	

## Adapters

**HQ adapter for FieldPower®**

Tool-free installation like a FieldPower cable seal  
Suitable for the HQ 4/2, HQ 8 and HQ 17 plug-in  
connector inserts

Optionally with lockable protective cover (protection  
against being switched on again, in accordance with EN  
60204-1)

## General ordering data

Type	BG ARGH HQP ALU PT6 CS	Version
Order No.	<a href="#">1532210000</a>	Adapter, Field Power® sealing insert, HQ adapter, IP65, with
GTIN (EAN)	4050118337600	corresponding enclosure, Polycarbonate, glass fibre reinforced,
Qty.	1 pc(s).	lockable: Yes

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## Accessories

Type	BG ARGH HQP ALU PT6	Version
Order No.	<a href="#">1532200000</a>	Adapter, Field Power® sealing insert, HQ adapter, IP65, with
GTIN (EAN)	4050118337433	corresponding enclosure, Polycarbonate, glass fibre reinforced,
Qty.	1 pc(s).	lockable: No

## AC/DC



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm<sup>2</sup>.

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm<sup>2</sup>) and/or plug-in connection (0.5 to 4 mm<sup>2</sup>). Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

## General ordering data

Type	PT6 DC 1/2/PE/3/4	Version
Order No.	<a href="#">1534930000</a>	FieldPower® contact element, DC, IP20, Insulation displacement
GTIN (EAN)	4050118338775	connection (IDC), PUSH IN, Number of poles : 5
Qty.	1 pc(s).	
Type	PT6 230/BUS	Version
Order No.	<a href="#">1269960000</a>	FieldPower® contact element, AC, IP20, Insulation displacement
GTIN (EAN)	4050118058239	connection (IDC), PUSH IN, Number of poles : 5
Qty.	1 pc(s).	

## Terminal rails for lower parts of enclosure



Extensive range of accessories for the FieldPower® boxes.

Cable seals, terminal rails, locking elements and much more.

## General ordering data

Type	TS 35 PT6	Version
Order No.	<a href="#">1170690000</a>	Field Power® terminal rail, Steel, galvanized, 54 mm, for base part
GTIN (EAN)	4032248962532	
Qty.	10 pc(s).	
Type	FP ENC DR07 142 XB	Version
Order No.	<a href="#">2633450000</a>	Field Power® terminal rail, Steel, galvanized, 142 mm, for base part
GTIN (EAN)	4050118664416	
Qty.	5 pc(s).	