

FP ENC BS 042 2B

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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.	2659710000
Type	FP ENC BS 042 2B
GTIN (EAN)	4050118704075
Qty.	1 items

Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	42 mm	Depth (inches)	1.6535 inch
Height	196 mm	Height (inches)	7.7165 inch
Width	196 mm	Width (inches)	7.7165 inch
Net weight	297.62 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
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Environmental Product Compliance

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

General data

Basic 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

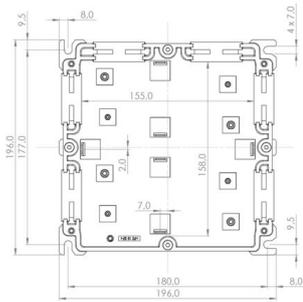
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

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Drawings

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Accessories

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	Version
Order No.	1532200000	Adapter, Field Power® sealing insert, HQ adapter, IP65, with corresponding enclosure, Polycarbonate, glass fibre reinforced,
GTIN (EAN)	4050118337433	lockable: No
Qty.	1 ST	
Type	BG ARGH HQP ALU PT6 CS	Version
Order No.	1532210000	Adapter, Field Power® sealing insert, HQ adapter, IP65, with corresponding enclosure, Polycarbonate, glass fibre reinforced,
GTIN (EAN)	4050118337600	lockable: Yes
Qty.	1 ST	

AC



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm².
 Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm²) and/or plug-in connection (0.5 to 4 mm²).
 Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

General ordering data

Type	PT6	Version
Order No.	1957620000	FieldPower® contact element, AC, IP20, Insulation displacement connection (IDC), PUSH IN, Number of poles : 5
GTIN (EAN)	4032248642489	
Qty.	1 ST	

DC



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm².
 Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm²) and/or plug-in connection (0.5 to 4 mm²).
 Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

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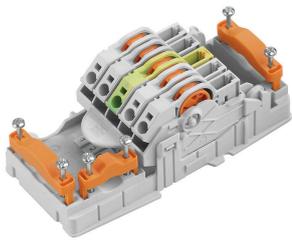
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Accessories

General ordering data

Type	PT6 DC	Version	
Order No.	1126840000	FieldPower® contact element, DC, IP20, Insulation displacement connection (IDC), PUSH IN, Number of poles : 5	
GTIN (EAN)	4032248908462		
Qty.	1 ST		

AC/DC



Power distribution using uncut cables with cross-sections from 1.5 to 6 mm².

Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm²) and/or plug-in connection (0.5 to 4 mm²). Coloured markings provide clear assignment of wires.

- Power supply
- Power distribution
- Power branching

General ordering data

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

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.	1170690000	Field Power® terminal rail, Steel, galvanized, 54 mm, for base part	
GTIN (EAN)	4032248962532		
Qty.	10 ST		

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	DG D0 PT6	Version
Order No.	4323240000	Field Power® sealing insert, Blank seal, IP65, with corresponding
GTIN (EAN)	4032248641246	enclosure, EPDM
Qty.	10 ST	
Type	DG M16 PT6	Version
Order No.	2545540000	Field Power® sealing insert, Seal with connection thread, IP65, with
GTIN (EAN)	4050118555523	corresponding enclosure, EPDM
Qty.	1 ST	
Type	DG M20 PT6	Version
Order No.	2545550000	Field Power® sealing insert, Seal with connection thread, IP65, with
GTIN (EAN)	4050118555530	corresponding enclosure, EPDM
Qty.	1 ST	
Type	RKDG D9 PT6	Version
Order No.	4329610000	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248668687	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 ST	
Type	RKDG D11 PT6	Version
Order No.	4323210000	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248641215	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 ST	
Type	RKDG D13 PT6	Version
Order No.	4323230000	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248641239	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 ST	
Type	RKDG D15 PT6	Version
Order No.	4323220000	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248641222	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 ST	
Type	RKDG D17 PT6	Version
Order No.	4324010000	Field Power® sealing insert, Foldable seal, IP65 with corresponding
GTIN (EAN)	4032248641284	housing, IP65, with corresponding enclosure, EPDM
Qty.	10 ST	
Type	RKDG D18 WG PT6	Version
Order No.	2491870000	Field Power® sealing insert, Seal, IP54, with corresponding
GTIN (EAN)	4050118501537	enclosure, EPDM
Qty.	10 ST	
Type	RKDG 2XD8.5 WG PT6	Version
Order No.	1114530000	Field Power® sealing insert, Seal, IP54, with corresponding
GTIN (EAN)	4032248892624	enclosure, EPDM
Qty.	10 ST	

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Accessories

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.	1772300000	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10
GTIN (EAN)	4032248 129966	mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30
Qty.	50 ST	min.), Polyamide 6

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.	1772460000	SKMU PA (plastic locknut), Locknut, M 20, 6 mm, Polyamid 6 (PA6 -
GTIN (EAN)	4032248 130207	GF30)
Qty.	100 ST	

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 - K 68	Version
Order No.	2811470000	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 ST	min.), Polyamide 6

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Accessories

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

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	RKDG D24 WG PT6	Version
Order No.	1069060000	Field Power® sealing insert, Seal, IP54, with corresponding enclosure, EPDM
GTIN (EAN)	4032248827053	
Qty.	10 ST	

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Accessories

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	FP ENC DR07 142 XB	Version	
Order No.	2633450000		Field Power® terminal rail, Steel, galvanized, 142 mm, for base part
GTIN (EAN)	4050118664416		
Qty.	5 ST		