Data sheet

FP ENC BSTS 155 2M

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, 155 mm, IP65, in complete state, Polycarbonate, glass-fibre reinforced polycarbonate, black, Transparent
Order No.	2659760000
Type	FP ENC BSTS 155 2M
GTIN (EAN)	4050118704730
Qty.	1 items

Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E256877

Dimensions and weights

Depth	155 mm	Depth (inches)	6.1024 inch
Height	196 mm	Height (inches)	7.7165 inch
Width	196 mm	Width (inches)	7.7165 inch
Net weight	691.82 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C

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	Plastic, GRP	Enclosure material	Polycarbonate, glass-fibre reinforced polycarbonate
Silicone	No	Colour	black, Transparent
Protection degree	IP65, in complete state	UL 94 flammability rating	V-0
Torque for lid screws	2 Nm	Lid attachment	TX20 screws
Type of mounting	Screw mounting, Fixing lugs	Installation advice	Lid screws included

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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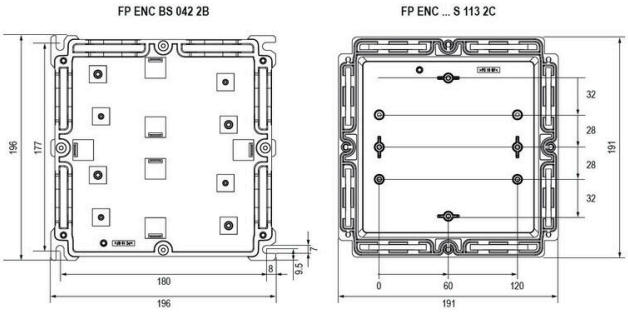
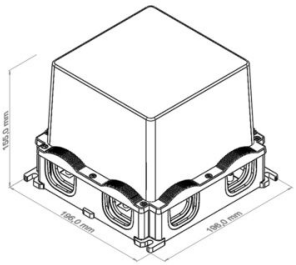
Drawings





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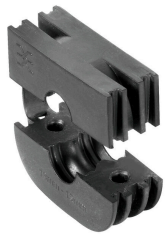
Accessories

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 2XD8.5 WG PT6	Version
Order No.	1114530000	Field Power® sealing insert, Seal, IP54, with corresponding
GTIN (EAN)	4032248892624	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 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	

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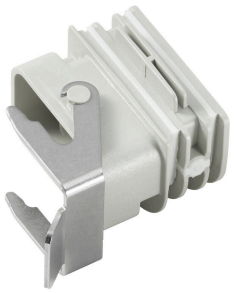
Accessories

Adapters

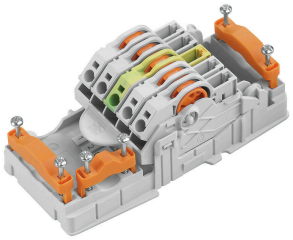


HQ adapter for FieldPower®
Tool-free installation like a FieldPower cable seal
Suitable for the HQ 4/2, HQ 8 and HQ 17 plug-in connector inserts
Optionally with lockable protective cover (protection against being switched on again, in accordance with EN 60204-1)

General ordering data

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

AC/DC

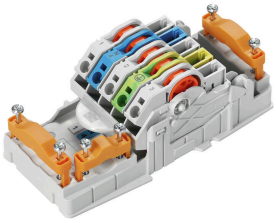


Power distribution using uncut cables with cross-sections from 1.5 to 6 mm².
Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm²) and/or plug-in connection (0.5 to 4 mm²).
Coloured markings provide clear assignment of wires.
- Power supply
- Power distribution
- Power branching

General ordering data

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

AC



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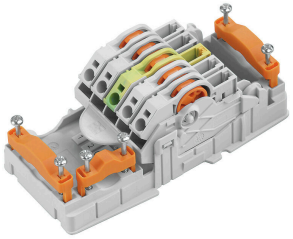
Accessories

General ordering data

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

AC/DC

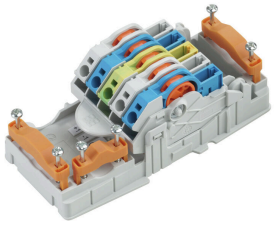


Power distribution using uncut cables with cross-sections from 1.5 to 6 mm².
Power supply / T-branch tap via PUSH IN connection (0.5 to 10 mm²) and/or plug-in connection (0.5 to 4 mm²).
Coloured markings provide clear assignment of wires.
- Power supply
- Power distribution
- Power branching

General ordering data

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

General ordering data

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

Terminal rails for plastic cover

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 XC P	Version
Order No.	2633510000	Field Power® terminal rail, Steel, galvanized, 142 mm, for plastic lid
GTIN (EAN)	4050118664393	
Qty.	5 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	

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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 - 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
Type	VG M20-1/K68	Version
Order No.	1772300000	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 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)	4032248130207	GF30)
Qty.	100 ST	

DMS PRO

Weidmüller torque screwdrivers have an ergonomic design and are therefore ideal for use with one hand. They can be used without causing fatigue in all installation positions. Apart from that, they incorporate an automatic torque limiter and have a good reproducibility accuracy.

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Accessories

General ordering data

Type	DMS PRO	Version
Order No.	1479120000	Mounting tool
GTIN (EAN)	4050118287011	
Qty.	1 ST	

Bits E6,3 - Torx®

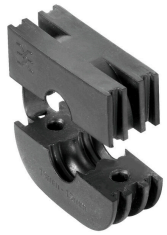
The Weidmüller bits are standard bits which are highly popular with users thanks to their good quality, large range and efficiency. The computer-controlled hardening method enables Weidmüller to guarantee a consistently high standard of quality.
The high-quality raw materials used make it possible to reach torques far higher than any of those specified in the relevant DIN standards:
- DIN 5261 for PH/PZ bits,
- DIN 5263 for slotted bits,
- Camcar standard for TORX bits

That means a long life at high torques and hence ideal conditions for standard situations.
The benefits:
- Suitable for all types of screws. Because of their excellent hardness values of 59-61 HRC, they are suitable for use with both manual and power tools.
- Good wearing resistance and thus a long life expectancy.
- Optimum fit in all DIN screws means low wear and optimum torque transmission.
- Manufactured to meet professional quality criteria according to relevant ISO standards with a consistently high standard of quality.

General ordering data

Type	BIT E6,3 T20 X 150	Version
Order No.	2821510000	Mounting tool
GTIN (EAN)	4064675359050	
Qty.	5 ST	

Seals



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Accessories

General ordering data

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