

## FP ENC BSAS 220 3M

**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, 284 mm, 220 mm, IP65, in complete state, glass-fibre reinforced polycarbonate, Aluminium, black, Aluminium
Order No.	<a href="#">2632950000</a>
Type	FP ENC BSAS 220 3M
GTIN (EAN)	4050118664485
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E256877

## Dimensions and weights

Depth	220 mm	Depth (inches)	8.6614 inch
Height	196 mm	Height (inches)	7.7165 inch
Width	284 mm	Width (inches)	11.1811 inch
Net weight	3664.29 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

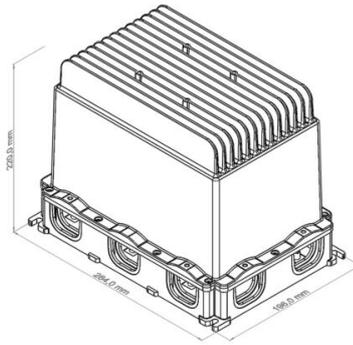
## General data

Basic material	Plastic, GRP	Enclosure material	glass-fibre reinforced polycarbonate, Aluminium
Silicone	No	Colour	black, Aluminium
Protection degree	IP65, in complete state	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		

Drawings



## FP ENC BSAS 220 3M

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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.	<a href="#">4323240000</a>	Field Power® sealing insert, Blank seal, IP65, with corresponding
GTIN (EAN)	4032248641246	enclosure, EPDM
Qty.	10 ST	
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 ST	
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 ST	
Type	RKDG 2XD8.5 WG PT6	Version
Order No.	<a href="#">1114530000</a>	Field Power® sealing insert, Seal, IP54, with corresponding
GTIN (EAN)	4032248892624	enclosure, EPDM
Qty.	10 ST	
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 ST	
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 ST	
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 ST	
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 ST	
Type	RKDG D18 WG PT6	Version
Order No.	<a href="#">2491870000</a>	Field Power® sealing insert, Seal, IP54, with corresponding
GTIN (EAN)	4050118501537	enclosure, EPDM
Qty.	10 ST	
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 ST	

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## Accessories

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## 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.	<a href="#">1532200000</a>	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.	<a href="#">1532210000</a>	Adapter, Field Power® sealing insert, HQ adapter, IP65, with corresponding enclosure, Polycarbonate, glass fibre reinforced,
GTIN (EAN)	4050118337600	lockable: Yes
Qty.	1 ST	

## 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 230/BUS	Version
Order No.	<a href="#">1269960000</a>	FieldPower® contact element, AC/DC, IP20, Insulation displacement connection (IDC), PUSH IN, Number of poles : 5
GTIN (EAN)	4050118058239	
Qty.	1 ST	

## 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>).  
 Coloured markings provide clear assignment of wires.

- Power supply
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- Power branching

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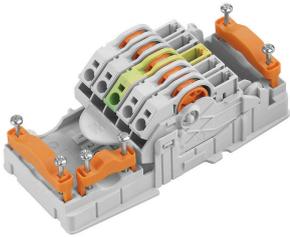
www.weidmueller.com

## Accessories

## General ordering data

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

## 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 connection (IDC), PUSH IN, Number of poles : 5	
GTIN (EAN)	4050118338775		
Qty.	1 ST		

## 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 connection (IDC), PUSH IN, Number of poles : 5	
GTIN (EAN)	4032248908462		
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.	<a href="#">2633450000</a>		Field Power® terminal rail, Steel, galvanized, 142 mm, for base part
GTIN (EAN)	4050118664416		
Qty.	5 ST		

Type	FP ENC DR07 230 3B	Version	
Order No.	<a href="#">2633460000</a>		Field Power® terminal rail, Steel, galvanized, 230 mm, for base part
GTIN (EAN)	4050118664409		
Qty.	5 ST		

### Terminal rails for aluminum cover



Extensive range of accessories for the FieldPower® boxes.  
 Cable seals, terminal rails, locking elements and much more.

#### General ordering data

Type	FP ENC DR15 68 XC A	Version	
Order No.	<a href="#">8000046634</a>		Field Power® terminal rail, Steel, galvanized, 68 mm, for aluminium lid
GTIN (EAN)	4050118686586		
Qty.	5 ST		

Type	FP ENC DR07 080 XC A	Version	
Order No.	<a href="#">2633730000</a>		Field Power® terminal rail, Steel, galvanized, 80 mm, for aluminium lid
GTIN (EAN)	4050118664379		
Qty.	5 ST		

Type	FP ENC DR07 110 3C A	Version	
Order No.	<a href="#">2633750000</a>		Field Power® terminal rail, Steel, galvanized, 110 mm, for aluminium lid
GTIN (EAN)	4050118664362		
Qty.	5 ST		

Type	FP ENC DR07 145 3C A	Version	
Order No.	<a href="#">2633760000</a>		Field Power® terminal rail, Steel, galvanized, 145 mm, for aluminium lid
GTIN (EAN)	4050118664355		
Qty.	5 ST		

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## Accessories

Type	FP ENC DR07 170 3C A	Version
Order No.	<a href="#">2633780000</a>	Field Power® terminal rail, Steel, galvanized, 170 mm, for aluminium
GTIN (EAN)	4050118664348	lid
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.	<a href="#">1170690000</a>	Field Power® terminal rail, Steel, galvanized, 54 mm, for base part
GTIN (EAN)	4032248962532	
Qty.	10 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.	<a href="#">2811470000</a>	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10 mm, OD min. 10 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
GTIN (EAN)	4064675292227	
Qty.	50 ST	
Type	VG M20-1/K68	Version
Order No.	<a href="#">1772300000</a>	VG K (standard plastic cable gland), Cable glands, straight, M 20, 10 mm, OD min. 6 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6
GTIN (EAN)	4032248129966	
Qty.	50 ST	

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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 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.

#### General ordering data

Type	DMS PRO	Version	
Order No.	<a href="#">1479120000</a>	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 526 1 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.	<a href="#">2821510000</a>	Mounting tool	
GTIN (EAN)	4064675359050		
Qty.	5 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.	<a href="#">1069060000</a>	Field Power® sealing insert, Seal, IP54, with corresponding enclosure, EPDM	
GTIN (EAN)	4032248827053		
Qty.	10 ST		