

BG SNT PT6**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



The FieldPower® power distributors support error-free installation in an extremely short space of time. Branches and functions integrated in the cover can simply be plugged in. Robust with high protection degree. For cable seals consult accessories

General ordering data

Delivery status	Discontinued
Available until	2017-12-31
Type	BG SNT PT6
Order No.	1101940000
GTIN (EAN)	4032248876457
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	138 mm	Length (inches)	5.433 inch
Width	160 mm	Width (inches)	6.299 inch
Height	115 mm	Height (inches)	4.528 inch
Net weight	2,060 g		

Temperatures

Operating temperature, max.	50 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-40 °C
Operating temperature	-25 °C...50 °C	Storage temperature	-40 °C...80 °C

Input

AC current consumption	0.4 A @ 400 V AC	AC input voltage range	340...528 V AC
Input fuse (internal)	Yes	Input voltage, max.	480 V
Input voltage, min.	400 V	Inrush Current Limitation	< 10 A @ 480 V
Rated input voltage	400 V AC (3~, PE)		

Output

Mains failure bridge-over time	> 20 ms @ 400 V AC	Output current	5 A
Output power	120 W	Parallel connection option	Yes, without external diode module, up to 6 modules
Power boost @ 24 V DC, 60 °C	10 A @ 300 ms, ED = 10 % 3-phase	Residual ripple, breaking spikes	< 50 mV _{PP} @ 24 V DC, I _N

EMC / shock / vibration

Noise emission in accordance with EN55032	Class A	Vibration resistance IEC 60068-2-6	EN 61373 Cat. 1b
Interference immunity test acc. to	EN 61000-6-2	Shock resistance IEC 60068-2-27	EN 61373 Cat. 1b

Insulation coordination

Pollution severity	2	Surge voltage category	III
electrical isolation, input-earth	1.5 kV AC	electrical isolation, input-output	3 kV AC
electrical isolation, output-earth	0.5 kV AC		

Electrical safety (applied standards)

Electrical machine equipment	Acc. to EN60204	For use with electronic equipment	Acc. to EN50178 / VDE0160
Safety extra-low voltage	SELV according to EN 60950, PELV according to EN 60204		

Connection data (input)

Conductor cross-section, flexible, min.	0.5 mm ²	Conductor cross-section, rigid, max.	4 mm ²
Conductor cross-section, rigid, min.	0.5 mm ²	Wire connection cross section, flexible (input), max.	4 mm ²

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Technical data**Connection data (output)**

Conductor cross-section, flexible , max.	4 mm ²	Conductor cross-section, flexible , min.	0.5 mm ²
Conductor cross-section, rigid , max.	4 mm ²	Conductor cross-section, rigid , min.	0.5 mm ²
Number of terminals	6 (+,+,-,COM,NO)		

Signalling

Status indication	Green LED
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Dimensions of box

Height	115 mm	Length	138 mm
Width	160 mm		

Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
eClass 9.0	27-04-07-01	eClass 9.1	27-04-07-01
eClass 10.0	27-04-07-01		

Approvals

Approvals



ROHS	Conform
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