

FP Box SNT10A 2xPT6**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 1429-0

Fax: +49 5231 14292083

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

Type	FP Box SNT10A 2xPT6
Order No.	8000025427
Version	Power supply, switch-mode power supply unit, IP65, Polycarbonate, 2.5 mm ² , 6 mm ²
GTIN (EAN)	4050118474008
Qty.	1 pc(s).

FP Box SNT10A 2xPT6

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 1429-0

Fax: +49 5231 14292083

www.weidmueller.com

Technical data

Dimensions and weights

Length	181 mm	Length (inches)	7.126 inch
Width	192 mm	Width (inches)	7.559 inch
Height	170 mm	Height (inches)	6.693 inch
Net weight	3,550 g		

Temperatures

Operating temperature	-30 °C...50 °C	Ambient temperature	-30 °C...+50 °C
Storage temperature	-30 °C...70 °C	Temperature range, installation, min.	10 °C
Temperature range, installation, max.	40 °C		

Input

AC current consumption	0.75 A @ 400 V AC	AC input voltage range	320...575 V AC
Connection system	PTDS 4	DC input voltage range	450 - 800 V DC
Frequency range AC	47...63 Hz	Input fuse	Yes
Input voltage, max.	575 V AC	Input voltage, min.	320 V AC
Overload current protection	< 40 A @ 400 V AC	Rated input voltage	400 V AC (3~, PE)
Wire connection method	PTDS 4		

output

Connection system	PTDS 4 DC	Mains failure bridge-over time	> 20 ms @ 400 V AC
Output current	10 A	Output power	240 W
Output voltage	24 V DC (24,25 V DC +- 50 mV) potenzialfrei	Output voltage	24,5 V DC ± 2 %
Overload protection	Yes	Parallel connection option	No
Powerboost @ 24 V DC	15 A @ 5 sec, ED = 10 %, 3-phase	Residual ripple, breaking spikes	< 150 mV _{SS} @ 24 V DC, I _N
Wire connection method	PTDS 4		

General data

Material colour	Black	Protection degree	IP65
Insulating material	Polycarbonate	UL 94 flammability rating	5VA

Insulation coordination

Class of protection	I, with PE connection	Pollution severity	2
electrical isolation, input-earth	2 kV AC	electrical isolation, input-output	4 kV AC
electrical isolation, output-earth	1.5 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 in accordance with EN60950, PELV nach EN60204		

Connection data (input)

Connection system	PTDS 4
-------------------	--------

FP Box SNT10A 2xPT6

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com

Technical data**Connection data (output)**

Connection system	PTDS 4 DC
-------------------	-----------

Signalling

Status indication	Green LED
-------------------	-----------

Clamping capacity, Push-In connection, distribution

Blade size	0.6 x 3.5 mm	Clamping range, further connection, max.	6 mm ²
Clamping range, further connection, min.	0.75 mm ²	Stripping length	14 mm

IDC connection clamping capacity, power cable

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	6 mm ²
Clamping range, rated connection, min.	2.5 mm ²		

General information #96 connectors

UL 94 flammability rating	5VA	Wire connection method	PTDS 4
---------------------------	-----	------------------------	--------

Dimensions of box

Height	170 mm	Length	181 mm
Width	192 mm		

Classifications

ETIM 6.0	EC000214	eClass 9.1	27-14-24-09
----------	----------	------------	-------------

Approvals

Approvals



FP Box SNT10A 2xPT6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
www.weidmueller.com

