

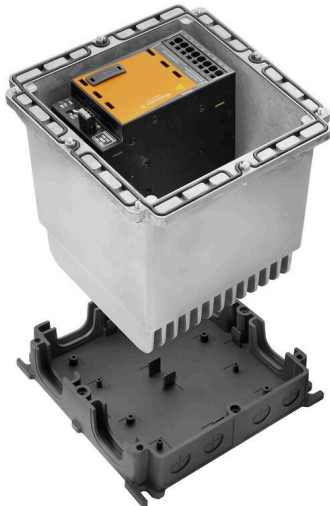
FP PRO TOP1 48/10 2M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



PROtop power supplies offer a wide range of functions with many advantages.

These include high energy efficiency, outstanding power reserves, high reliability and optional communication capability. PROtop also supports direct parallel connection with load balancing. With the possibility of integrating our PROtop power supplies into the FieldPower® system, the entire range of functions becomes available in the field – with all the advantages of the FieldPower® modular system.

General ordering data

Version	FieldPower® power supply unit, IP65, in closed state, in complete state, 10A, 48 V, DC
Order No.	8000044520
Type	FP PRO TOP1 48/10 2M
GTIN (EAN)	4050118715286
Qty.	1 items

FP PRO TOP1 48/10 2M

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	220 mm	Depth (inches)	8.6614 inch
Height	196 mm	Height (inches)	7.7165 inch
Width	196 mm	Width (inches)	7.7165 inch
Net weight	4735 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...45 °C
Operating temperature range	-25...50 °C	Start-up	≥ -40 °C
Humidity	35...85%, non condensing and non freezing		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
SCIP	7645f3b1-6db9-495d-9e21-ab1d894aff05

Input

AC input voltage range	85...277 V AC	Surge protection	Varistor
Input fuse (internal)	Yes	Inrush current	max. 5 A

Output

Rated output voltage	48 V DC ± 1 %	Surge protection	Varistor
Output voltage type	DC	Output voltage, note	(adjustable via potentiometer)
Nominal output current for Unom	10 A @ 60 °C	Output current	10A
Output voltage	48 V		

General data

Installation advice	Lid screws included	Humidity	35...85%, non condensing and non freezing
Protection degree	IP65, in closed state, in complete state	DIN Rail compatibility	No
Adjacent	No		

Electrical safety (applied standards)

Safety extra-low voltage	SELV according to EN 60950, PELV according to EN 60204
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Input

AC input voltage range	85...277 V AC	Surge protection	Varistor
Inrush current	max. 5 A	Input fuse (internal)	Yes

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Output

Output voltage type	DC	Output voltage, note	(adjustable via potentiometer)
Output current	10A	Output voltage	48 V
Rated output voltage	48 V DC \pm 1 %	Nominal output current for I_{nom}	10 A @ 60 °C

Classifications

ETIM 8.0	EC002540	ETIM 9.0	EC002540
ETIM 10.0	EC002540	ECLASS 14.0	27-04-07-01
ECLASS 15.0	27-04-07-01		

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Drawings

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