

FP PRO TOP1 48/10 3M**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.	8000051770
Type	FP PRO TOP1 48/10 3M
GTIN (EAN)	4050118770759
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	220 mm	Depth (inches)	8.661 inch
Height	196 mm	Height (inches)	7.717 inch
Width	284 mm	Width (inches)	11.181 inch
Net weight	5,841 g		

Temperatures

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

Input

Surge protection	Varistor	Inrush current	max. 5 A
Input fuse (internal)	Yes		

Output

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

General data

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

Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
ETIM 8.0	EC002540	ETIM 9.0	EC002540
ETIM 10.0	EC002540	ECLASS 9.1	27-04-07-01
ECLASS 10.0	27-04-07-01	ECLASS 11.0	27-04-07-01
ECLASS 12.0	27-04-07-01	ECLASS 13.0	27-04-90-02
ECLASS 14.0	27-04-07-01	ECLASS 15.0	27-04-07-01

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

Approvals

ROHS	Conform
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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Manufacturer's Declaration FieldPower® PROtop](#)

Product Change Notification

[Produktänderungsmitteilung FieldPower® Box Schrauben](#)

[Product Change Notification FieldPower® box screws](#)

User Documentation

[Manual FieldPower® PROtop](#)

Catalogues

[Catalogues in PDF-format](#)

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Drawings

