FP PRO TOP1 24/10 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, 24 V, DC
Order No.	8000044515
Type	FP PRO TOP1 24/10 2M
GTIN (EAN)	4050118715767
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	196 mm	Width (inches)	7.717 inch
Net weight	4,168 g		

Temperatures

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

Input

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

Output

Output current	10A	Output voltage	24 V
Output voltage type	DC	Output voltage, note	(adjustable via potentiometer)
Rated output voltage	24 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		

Electrical safety (applied standards)

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

Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
ETIM 8.0	EC002540	ETIM 9.0	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

Environmental Product Compliance

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

Approvals

ROHS	Conform

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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





