

FP PRO TOP3 24/20 2P**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

Order No.	2743450000
Type	FP PRO TOP3 24/20 2P
GTIN (EAN)	4050118846966
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	4,000 g		

Temperatures

Storage temperature	-10 °C...60 °C	Operating temperature	-20 °C...45 °C
Operating temperature range	-25 °C ... +45 °C (regard derating) Start up ≥ -40 °C	Humidity	35...85%, non condensing and non freezing

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3	SCIP	7645f3b1-6db9-495d-9e21-ab1d894aff05
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Input

AC input voltage range	3 x 320...3 x 575 V AC / 2 x 360...2 x 575 V AC	Connection system	IDC terminal
DC input voltage range	450...800 V DC (max. 500 V DC acc. to UL508)	Input fuse (internal)	5 A F (6.3 x 32 mm)
Wire connection method	IDC terminal		

Output

Output current	20A	Output power	480 W
Output voltage type	DC	Output voltage, max.	28.8 V
Output voltage, min.	22.5 V	Rated output voltage	24 V DC ± 1 %
Wire connection method	IDC terminal		

General data

Humidity	35...85%, non condensing and non freezing	Operating temperature	-20 °C...45 °C
Short-circuit protection	Yes, internal	Surge voltage category	III, II

Insulation coordination

Surge voltage category	III, II
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Connection data (input)

Connection system	IDC terminal
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Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
ETIM 8.0	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		

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

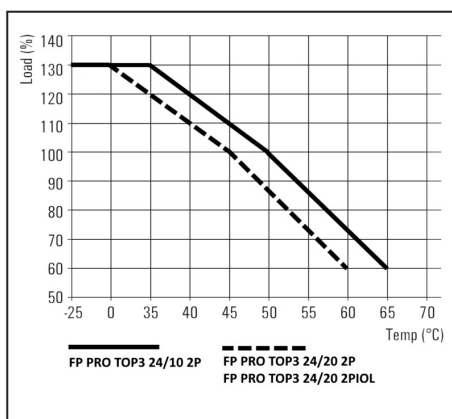
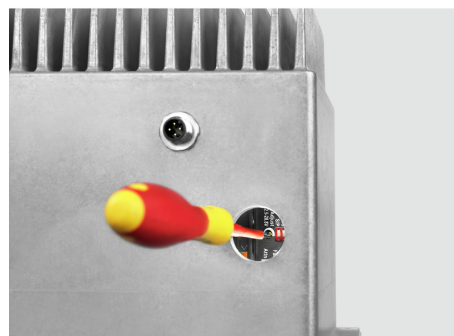
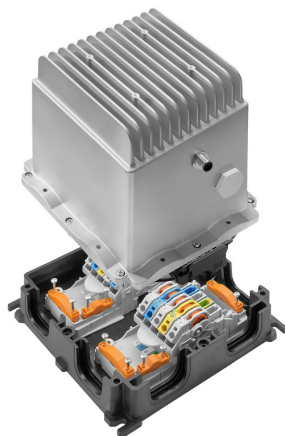
Approval/Certificate/Document of Conformity	CE Declaration of Conformity Fieldpower® PROtop and topGUARD
Engineering Data	CAD data – STEP
Product Change Notification	Produktänderungsmitteilung FieldPower® PROtop Product Change Notification FieldPower® PROtop
User Documentation	Manual FieldPower® PROtop and topGUARD size 2 Manual FieldPower® PT6 IEC cURus
Catalogues	Catalogues in PDF-format

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Drawings



Mouser Electronics

Authorized Distributor

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