

WFF 120/M12/AH**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Klippon® Connect with stud Technology**

Our stud terminals are an established, robust connection alternative for particularly harsh environments. The extensive accessories and quality workmanship ensure high productivity in planning and installation – and sustainable safety in operation..

General ordering data

Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 120 mm ² , Threaded stud connection
Order No.	1857540000
Type	WFF 120/M12/AH
GTIN (EAN)	4032248402595
Qty.	4 pc(s).

WFF 120/M12/AH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	88.5 mm	Depth (inches)	3.484 inch
Depth including DIN rail	88.5 mm	Height	229.5 mm
Height (inches)	9.035 inch	Width	42 mm
Width (inches)	1.654 inch	Net weight	330 g

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

End cover plate required	Yes	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	No	Rail	TS 35

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	closed	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1244019	Current size C (CSA)	310 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	250 kcmil
Wire cross section min. (CSA)	10 AWG		

Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	6 to 120 mm ²	2 x cable lugs DIN 46 235	16...120 mm ²
Cable lug to DIN 46234	6...150 mm ²	Cable lug to DIN 46235	16...150 mm ²
Clamping range, max.	150 mm ²	Clamping range, min.	6 mm ²
Number of connections	2	Stud size for spade connection	M 12
Tightening torque, max.	20 Nm	Tightening torque, min.	10 Nm
Type of connection	Threaded stud connection		

Dimensions

TS 15 offset	13.5 mm	TS 35 offset	66 mm
--------------	---------	--------------	-------

General

Rail	TS 35	Standards	IEC 60947-7-1
------	-------	-----------	---------------

WFF 120/M12/AH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Rating data

Rated cross-section	120 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,000 V DC	Rated current	269 A
Current at maximum wires	309 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.12 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	8.61 W	Pollution severity	3

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20		

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate MARITREG Certificate CE Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

WFF 120/M12/AH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Drawings

