

## WF 6 NFF

**Weidmüller Interfaces GmbH & Co. KG**

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### Product image



The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm<sup>2</sup> to 300 mm<sup>2</sup>. The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

### General ordering data

Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 35 mm <sup>2</sup> , Threaded stud connection
Order No.	<a href="#">1969000000</a>
Type	WF 6 NFF
GTIN (EAN)	4032248726608
Qty.	25 pc(s).

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## Technical data

## Dimensions and weights

Depth	54.5 mm	Depth (inches)	2.146 inch
Height	67 mm	Height (inches)	2.638 inch
Width	17.8 mm	Width (inches)	0.701 inch
Net weight	29.76 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

Version	Single-stud terminals	End cover plate required	No
Number of levels	1	Number of clamping points per level	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

## Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	Open	Type of mounting	Snap-on

## Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	2.5 to 35 mm <sup>2</sup>	2 x cable lugs DIN 46 235	6...25 mm <sup>2</sup>
Cable lug to DIN 46234	2.5...35 mm <sup>2</sup>	Cable lug to DIN 46235	6...35 mm <sup>2</sup>
Clamping range, max.	35 mm <sup>2</sup>	Clamping range, min.	2.5 mm <sup>2</sup>
Number of connections	1	Stud size for spade connection	M 6
Tightening torque, max.	7 Nm	Tightening torque, min.	5.8 Nm
Type of connection	Threaded stud connection		

## Dimensions

TS 35 offset	31.5 mm
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## General

Rail	TS 35
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## Rating data

Rated cross-section	35 mm <sup>2</sup>	Rated voltage	1,000 V
Rated DC voltage	1,000 V DC	Voltage with epoxy resin partition plate	2,300 V
Rated current	125 A	Current at maximum wires	125 A
Volume resistance according to IEC 60947-7-x	0.26 mΩ	Rated impulse withstand voltage	8 kV
Impulse voltage with epoxy resin partition plate	12 kV	Power loss in accordance with IEC 60947-7-x	4 W
Pollution severity	3		

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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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**Technical data**

**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	ECLASS 12.0	27-14-11-20

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

