

**W-Series
WFS 4 30-70V**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	WFS 4 30-70V
Order No.	2561990000
Version	W-Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection
GTIN (EAN)	4050118570465
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	62.5 mm	Height (inches)	2.461 inch
Depth	75 mm	Depth (inches)	2.953 inch
Depth including DIN rail	75.5 mm	Net weight	17.686 g

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour code	black
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Fuse isolator	Tightening torque (clamping screw for copper conductors)	0.5...0.6 Nm
End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm ²

Additional technical data

Open sides	right	Type of mounting	Snap-on
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Technical data
Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.22 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	2	Stripping length	13 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Display element

Current	6.3 A	Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Current	6.3 A
Display	LED	Fuse holder (cartridge holder)	Pivoting
Operating voltage, max.	70 V	Permitted power loss for fuse with semiconductor protection	
Power loss, 1-pole ; 2-pole ; 3-pole		Type of voltage for indicator	AC/DC

Rating data

Rated cross-section	4 mm ²	Rated voltage	70 V
Rated voltage to adjoining terminal	400 V	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	IEC 60947-7-3
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	6 kV
Pollution severity	3		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	22 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	22 AWG	Current size B (cURus)	10 A
Current size D (cURus)	10 A	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V		

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Classifications

ETIM 6.0	EC000899	eClass 6.2	27-14-11-16
eClass 9.0	27-14-11-16	eClass 9.1	27-14-11-16

Approvals

Approvals



Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	STEP

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Drawings

