

WSI 4



General ordering data

Version	W-Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection
Order No.	1886580000
Type	WSI 4
GTIN (EAN)	4032248492060
Qty.	50 pc(s).

Dimensions and weights

Depth	42.5 mm
Depth (inches)	1.673 inch
Depth including DIN rail	54 mm
Height	50.7 mm
Height (inches)	1.996 inch
Width	8 mm
Width (inches)	0.315 inch
Net weight	11.08 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	black
UL 94 flammability rating	V-0

System specifications

Version	Screw connection, Fuse isolator, in closed state
End cover plate required	No
Number of potentials	1
Number of levels	1
Number 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)

Cross-section for connected wire, solid, two clampable wires, max. 1.5 mm²

Cross-section for connected wire, solid, two clampable wires, min. 0.5 mm²

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. 1.5 mm²

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. 0.5 mm²

Wire connection cross section, finely stranded, two clampable wires, min. 0.5 mm²

Wire cross-section, finely stranded, two clampable wires, max. 1.5 mm²

Additional technical data

Number of similar terminals	1
Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1575489
Current size C (CSA)	15 A
Voltage size C (CSA)	300 V
Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	30 AWG

Conductors for clamping (rated connection)

Blade size 0.6 x 3.5 mm

Clampable conductor	Connection specification	Screw connection	
Cross-section for conductor connection	Type	solid, H05(07) V-U	
	min.	0.5 mm ²	
	max.	4 mm ²	
	nominal	4 mm ²	
wire end ferrule	Stripping length	min.	8 mm
		max.	8 mm
		nominal	8 mm
	Tightening torque	min.	0.4 Nm
		max.	0.4 Nm
Connection specification	Screw connection		
Cross-section for conductor connection	Type	stranded, H07V-R	
	min.	1.5 mm ²	
	max.	4 mm ²	
	nominal	4 mm ²	
wire end ferrule	Stripping length	min.	8 mm
		max.	8 mm
		nominal	8 mm
	Tightening torque	min.	0.4 Nm
		max.	0.4 Nm
Connection specification	Screw connection		
Cross-section for conductor connection	Type	flexible, H05(07) V-K	
	min.	0.5 mm ²	

		max.	4 mm ²
		nominal	4 mm ²
	wire end ferrule	Stripping length	min. 8 mm
			max. 8 mm
			nominal 8 mm
		Tightening torque	min. 0.4 Nm
			max. 0.4 Nm

Clamping range, max.	4 mm ²
Clamping range, min.	0.5 mm ²
Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm ²
Connection cross-section, stranded, min.	1.5 mm ²
Connection direction	on side
Gauge to IEC 60947-1	A3
Number of connections	2
Stripping length	8 mm
Tightening torque, max.	0.4 Nm
Tightening torque, min.	0.4 Nm
Torque level with DMS electric screwdriver	2
Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²

Dimensions

TS 35 offset 32.5 mm

Display element

Operating voltage for display, max. 500 V

Fuse terminals

Cartridge fuse G-Si. 5 x 20

Display Without LED

Fuse holder (cartridge holder) Pivoting

Operating voltage, max. 250 V

Power loss for overload and short-circuit protection for a composite arrangement 1.6 W at 6.3 A @ 23°C

Power loss for overload and short-circuit protection for an individual arrangement 1.6 W at 6.3 A @ 34°C

Power loss for short-circuit protection only for a composite arrangement 2.5 W at 6.3 A @ 47°C

Power loss for short-circuit protection only for an individual arrangement 4.0 W at 6.3 A @ 63°C

General

Rail TS 35

Standards IEC 60947-7-3

Wire connection cross section AWG, max. AWG 12

Wire connection cross section AWG, min. AWG 22

Rating data

Rated cross-section 4 mm²

Rated voltage 500 V

Rated voltage to adjoining terminal 500 V

Rated DC voltage 500 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

Power loss in accordance with IEC 60947-7-x 1.02 W

Pollution severity 3

UL rating data

Certificate No. (cURus)	E60693
Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	30 AWG
Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	30 AWG
Current size B (cURus)	15 A
Current size C (cURus)	15 A
Voltage size B (cURus)	300 V
Voltage size C (cURus)	300 V

Important note

Product information	The voltage depends on the selected fuse element or the selected indicator light
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Downloads

Approval/Certificate/Document of Conformity	<u>CB Testreport</u>
	<u>CB Certificate</u>
	<u>CB Test certificate</u>
	<u>Lloyds Register Certificate</u>
	<u>CE Declaration of Conformity</u>
	<u>UKCA declaration of conformity</u>
Engineering Data	<u>Confirmation of Standards EN 45545-2_2020-10</u>
	<u>CAD data -- STEP</u>
	<u>Zuken E3.S</u>
	<u>Eplan data</u>
CADENAS eCATALOG	<u>CAX data</u>
WSCAD Universe	<u>WSCAD data</u>
User Documentation	<u>StorageConditionsTerminalBlocks</u>
Catalogues	<u>Catalogues in PDF-format</u>
Brochures	

Classifications

ETIM 6.0	EC000899
ETIM 7.0	EC000899
ETIM 8.0	EC000899
ETIM 9.0	EC000899
ECLASS 9.0	27-14-11-16
ECLASS 9.1	27-14-11-16
ECLASS 10.0	27-14-11-16

ECLASS 11.0	27-14-11-16
ECLASS 12.0	27-14-11-16
ECLASS 13.0	27250113

Approvals



Approvals

ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Related products:



Order No.: 2561900000
Type: WFS 4

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

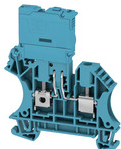
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Order No.: 2562070000
Type: WFS 4 10-36V

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

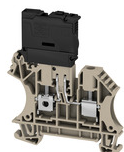
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Order No.: 2562010000
Type: WFS 4 10-36V BL

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

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Order No.: 2562060000
Type: WFS 4 10-36V DB

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

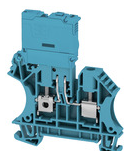
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Order No.: 2561960000
Type: WFS 4 100-250V

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

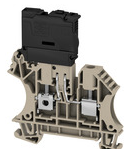
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Order No.: 2562040000
Type: WFS 4 100-250V BL

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

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Order No.: 2561950000
Type: WFS 4 100-250V DB

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

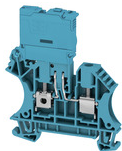
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Order No.: 2561990000
Type: WFS 4 30-70V

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

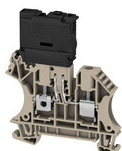
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Order No.: 2562020000
Type: WFS 4 30-70V BL

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

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Order No.: 2561980000
Type: WFS 4 30-70V DB

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

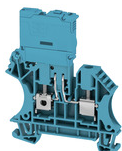
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Order No.: 2561970000
Type: WFS 4 60-150V

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

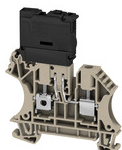
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Order No.: 2562030000
Type: WFS 4 60-150V BL

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

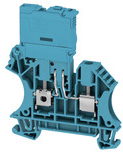
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Order No.: 2561940000
Type: WFS 4 60-150V DB

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

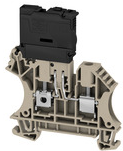
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Order No.: 2562000000
Type: WFS 4 BL

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

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Order No.: 2562050000
Type: WFS 4 DB

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

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Order No.: 1886590000
Type: WSI 4/LD 10-36V AC/DC

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

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Order No.: 1886550000
Type: WSI 4/LD 140-250V AC/DC

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

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Order No.: 1886560000
Type: WSI 4/LD 30-70V AC/DC

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

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Order No.: 1886570000
Type: WSI 4/LD 60-150V AC/DC

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection

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Order No.: 7910240000
Type: WTR 4 SI

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection
Delivery status:
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Order No.: 7914390000
Type: WTR 4/SI LD 150V

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection
Delivery status:
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Order No.: 7914370000
Type: WTR 4/SI LD 36V

Version:
W-Series, Fuse
terminal, Rated
cross-section: 4 mm²,
Screw connection
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