



General ordering data

Order No.	1012200000
Part designation	WSI 6/LD 30-70V DC/AC
Version	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190039813
Qty.	50 pc(s).

Product notes

Note, ordering data	Max. power loss (1.6 W) at the cartridge fuse limits the rated current.
Note, technical data	Cartridge fuses or contact sleeves have to be inserted centrally. A defective fuse causes a residual current to flow via the LED!
Function	30 - 70V
Note, accessories	Screw M3 x 5 order No. 1052100000 for QL 2 - QL 10.

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

Solid, min.	0.5 mm ²
Solid, max.	2.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	2.5 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²

Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No

Additional technical data

No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Fuse terminal

CSA rating data

Voltage (CSA)	300 V
CSA current	10 A
Min. cross-section (CSA)	AWG 20
Max. cross-section (CSA)	AWG 8

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.5 mm ²
Clamping range, max.	10 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	12 mm
Clamping screw	M 3.5
Blade size	4.0 x 0.8 mm
Tightening torque range	0.8...1.6 Nm
Torque level with DMS electric screwdriver	3
Gauge to IEC 60947-1	A5
Solid, min.	0.5 mm ²
Solid, max.	10 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	10 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	10 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	6 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	6 mm ²
AWG conductor size, min.	AWG 20
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.52 mm ²
AWG conductor size, max.	8.37 mm ²

Conductors for clamping (rated connection)**Dimensions**

Width	7.9 mm
Height of lowest version	72 mm
Length	60 mm
Weight	21.5 g
TS 35 offset	32 mm

Disconnect terminals

Torque level with DMS electric screwdriver	3
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Display element

Operating voltage for display, max.	70 V
Operating voltage for display, min.	30 V
Type of voltage for indicator	AC

Fuse terminals

Cartridge fuse	G-Si. 1 x 1/4
Display	Red LED
Fuse holder (cartridge holder)	Pivoting
Operating voltage, max.	70 V
Type of voltage for indicator	AC

Rating data

Rated cross-section	6 mm ²
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	6.3 A
Standards	IEC 60947-7-3
Current with max. conductor	6.3 A
Pollution severity	3

UL rating data

Current (UL)	20 A
Min. cross-section (UL)	AWG 20
Max. cross-section (UL)	AWG 8

Approvals

Approvals institutes

**Classifications**

eClass 4.1	27-14-11-16
eClass 5.0	27-14-11-16
eClass 5.1	27-14-11-16

Classifications

Similar products

Order No.	Part designation	Version
1880430000	WSI 4/2	Fuse terminal, 4 mm ² , Screw connection, Wemid, black, TS 35 + TS 32 + TS 15
1880410000	WSI 4/2/LD 10-36V AC/DC	Fuse terminal, 4 mm ² , Screw connection, Wemid, black, TS 35
1880390000	WSI 4/2/LD 140-250V AC/DC	Fuse terminal, 4 mm ² , Screw connection, Wemid, black, TS 35
1880440000	WSI 4/2/LD 30-70V AC/DC	Fuse terminal, 4 mm ² , Screw connection, Wemid, black, TS 35
1880420000	WSI 4/2/LD 60-150V AC/DC	Fuse terminal, 4 mm ² , Screw connection, Wemid, black, TS 35
1886590000	WSI 4/LD 10-36V AC/DC	Fuse terminal, 4 mm ² , Screw connection, Wemid, black, TS 35
1886560000	WSI 4/LD 30-70V AC/DC	Fuse terminal, 4 mm ² , Screw connection, Wemid, black, TS 35
1886570000	WSI 4/LD 60-150V AC/DC	Fuse terminal, 4 mm ² , Screw connection, Wemid, black, TS 35
1011000000	WSI 6	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1011060000	WSI 6 OR	Fuse terminal, 6 mm ² , Screw connection, Wemid, Orange, TS 35
1011010000	WSI 6 SW	Fuse terminal, 6 mm ² , Screw connection, Wemid, black, TS 35
1028200000	WSI 6 TR	Fuse terminal, 6 mm ² , Screw connection, Wemid, transparent, TS 35
1014000000	WSI 6/2 GZ/DEF63	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1014300000	WSI 6/2/LD 60-150VDC/AC	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1014400000	WSI 6/2/LD 250AC	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1014100000	WSI 6/2/LD 10-36V DC/AC	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1014200000	WSI 6/2/LD 30-70V DC/AC	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1012300000	WSI 6/LD 60-150V DC/AC	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1012400000	WSI 6/LD 250AC	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35
1011300000	WSI 6/LD 10-36V DC/AC	Fuse terminal, 6 mm ² , Screw connection, Wemid, dark beige, TS 35