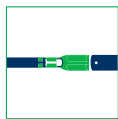
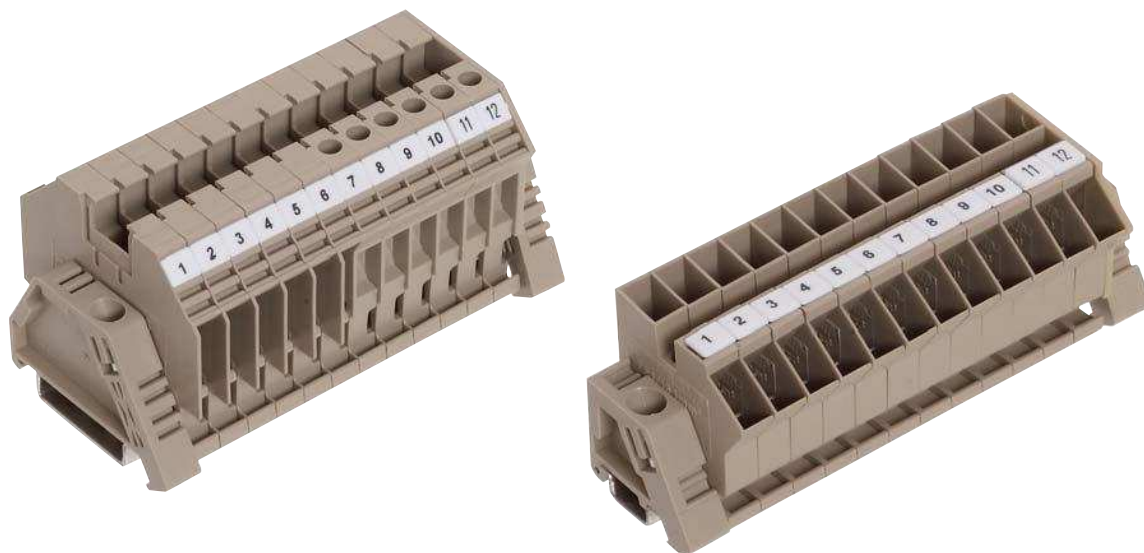


Terminal blocks with spade connection FF/SF



The spade connection is a widely standardized connection method. A spade ferrule corresponding to the cross-section is crimped on to the wire end. The spade ferrule then pushes onto the spade terminal so that the wire contacts the terminal. These terminals can be used for interfaces between electronics and electrical systems or for applications where assembled cables are being used.



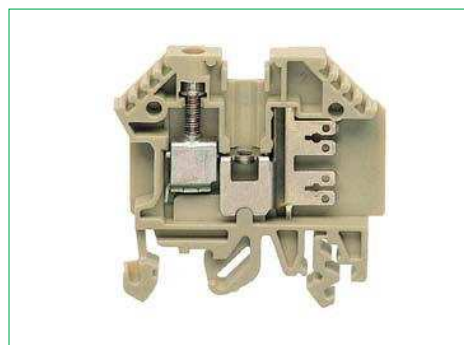
The rated current of a spade connection depends on the materials and surface properties of the spade ferrule. The rating also depends on the cross-section of the crimped wire and the ambient temperature. The guidelines for permitted continuous currents are described in the DIN draft standard 46249-1. The specified rated voltages are then guaranteed only when the corresponding insulation sleeves are placed on the spade ferrules.

Features of the FF 2,5 and SF 2,5-4

- Terminal width of only 6 mm
- Connects standard spade plugs of sizes 0.8 x 2.8 mm or 0.8 x 6.3 mm
- Can be easily adapted from spade to screw connection with SF 2,5-4
- Up to 4 spade plugs can be joined to a single potential in one terminal: FF 2,5
- Can be cross-connected using 2-, 3-, 4- or 10-pole cross-connectors

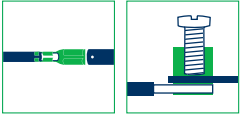
Features of the FF 1/15

- Terminal width of only 6 mm
- Connects standard spade plugs of sizes 0.8 x 2.8 mm
- Up to 4 spade plugs can be joined to a single potential in one terminal
- Can be cross-connected using 2-, 3-, 4- or 10-pole cross-connectors



Terminal blocks with spade connection FF/SF

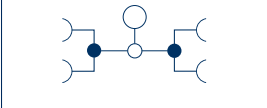
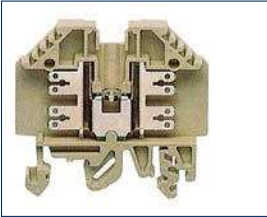
Screw connection system



- Foot can be snapped on TS 15, TS 32 and TS 35 DIN rails
- Housing made from polyamide 6.6 UL 94-V2

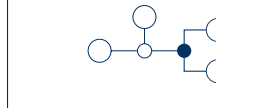
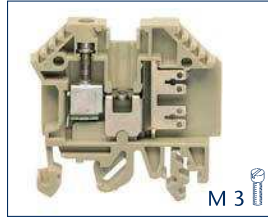
Connection diagram

FF 2.5



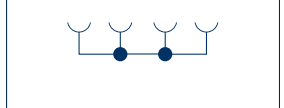
Feed-through terminal
4 or 8 connections

SF 2.5-4



Feed-through terminal
3 or 5 connections

FF 1/15



Feed-through terminal
4 connections

Connection type

Size (L x W x H)mm with TS 15, mm

Size (L x W x H)mm with TS 32, mm

Size (L x B x H) mm with TS 35 x 7.5, mm

Type

Type colour

Cat. no.

Type colour

Cat. no.

Colours available

Ratings

Rated voltage, V

Rated current, A

Rated wire cross-section, mm² | AWG

Rated impulse voltage, kV | Contamination degree

Plug gauge acc. to EN 60 947-1 | Flamm. class acc. to UL 94

Connection data

Single wire (solid) / Stranded mm²

Stranded/stranded (w/ferrules acc. to DIN 46 228/1) mm²

Contact wire range, mm²

Stripping length, mm

Torque, Nm | Screw

Special connection, mm

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off

Accessories

End plate AP

Cat. no.

Partition plate TW

Cat. no.

Insulation plate TRS

Cat. no.

Socket plug STB

Cat. no.

Test plug PS

Cat. no.

Insulating sleeve IH

Cat. no.

Insulating sleeve IH

Cat. no.

Cross-connector Q

Cat. no.

Insulated cross-connection QI

Cat. no.

Cross-connector Q

Cat. no.

Insulated cross-connection QI

Cat. no.

Cross-connector Q

Cat. no.

Insulated cross-connection QI

Cat. no.

End stop ES

Cat. no.

Screwdriver SDB

Cat. no.

Quick marking PMC SB

Cat. no.

Spade connection

48 x 6 x 52

48 x 6 x 47

FF 2.5 BG
1014.2 100

IEC
500
15
2.5 -
6 3
- V2

Fast-on 0.8 x 2.8/6.3

PA 6.6 | -40 to +105°C

1 | 1

Page	Qty.
AP 2,5-10 BG	278
2001.2	50
TW 2,5-10 BG	316
2002.2	50
TRS 1 BG	316
2003.2	100
STB 14/2.3	317
2006.0	50
PS 2,3	317
2007.0	20
IH 2.8	213
2435.0	200
IH 6,3	213
2429.0	200
Q 2	289
2019.0	50
QI 2 YE	289
2740.2	50
Q 3	289
2020.0	50
QI 3 YE	289
2741.2	50
Q 4	289
2021.0	20
QI 4 YE	289
2742.2	20
Q 10	289
2022.0	10
QI 10 YE	289
2743.2	10
ES 35/K/ST BG	274
2828.0	50
PMC SB 6/50 WH	340
4702.7	500

Screw connection

48 x 6 x 52

48 x 6 x 47

SF 2.5-4 BG
1019.2 100

IEC
500
15
2.5 22-10
6 3
A4 V2

Fast-on 0.8 x 2.8/6.3

PA 6.6 | -40 to +105°C

1 | 1

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2019.0	50
QI 2 YE	289
2740.2	50
Q 3	289
2020.0	50
QI 3 YE	289
2741.2	50
Q 4	289
2021.0	20
QI 4 YE	289
2742.2	20
Q 10	289
2022.0	10
QI 10 YE	289
2743.2	10
ES 35/K/ST BG	274
2828.0	50
SDB 0.6x3.5	422
1086.0	1
PMC SB 6/50 WH	340
4702.7	500

Spade connection

32 x 6 x 34

FF 1/15 BG
1032.2 100

IEC
400
6
1 -
6 3
- V2

Fast-on 0.8 x 2.8

PA 6.6 | -40 to +105°C

1 | -

Page	Qty.
AP/FF 1/15 BG	278
2421.2	50
TW 1.5-4 BG	316
2071.2	50
STB 8.5/2.3	317
2075.0	50
PS 2,3	317
2007.0	20
IH 2.8	213
2435.0	200
Q 2	289
2019.0	50
Q 3	289
2020.0	50
Q 4	289
2021.0	20
Q 10	289
2022.0	10
ES 15 BG	274
2074.2	50
PMC SB 6/50 WH	340
4702.7	500