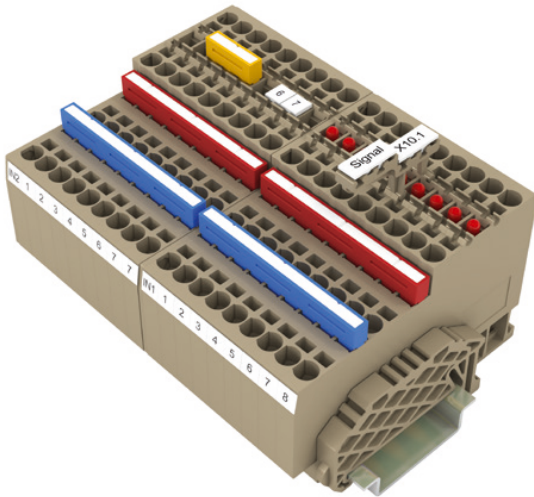


FIK 2.5

Initiator terminals



CONTA-CLIP extends the pressure-spring connection system with the new Initiator terminals **FIK 2.5** in the **CONTA-CONNECT** product range.

To operate electromechanical functions on machines and equipment, it is necessary to connect sensor signals, the actuators and messages with the control unit. To reduce the wiring effort and enable faster troubleshooting these signals are combined to decentralized units.

The **FIK 2.5** terminals allow to use the upper level for the signal wiring and the lower level for the supply voltages e.g. the plus/minus distribution.

A separate feed in terminal is not needed, since each terminal provides the possibility of receiving a wire up to 2.5 mm² with ferrule. The rated current of each individual distributed potential is 24A.

Features

- **Three-wire connection at a width of 5.1mm**
- **Pressure-spring connection system, Push-In**
- **Cross connection via standard**
- **Cross-connection system FQI 2.5**
- **Rated current 24A**
- **Versions with LED for signaling the switching states**
- **Clear marking option for each signal, base terminal and marking adapter**



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Our ideas – your advantages

Initiator terminals FIK

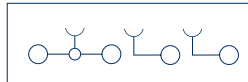
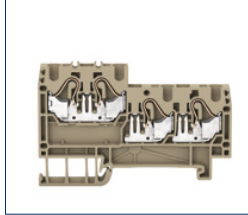
Pressure-spring connection system



- Foot can be snapped on TS 35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0

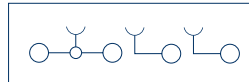
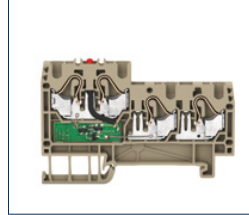
Connection diagram

FIK 2,5/3



Initiator terminal,
4 connections

FIK 2,5/3/LED



Initiator terminal,
4 connections with LED

Connection type

Size (L x B x H) mm

Size (L x B x H) mm with TS 35 x 7,5 mm

TYP

Typ / 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 (flexible), mm²

Finely-stranded|finely-stranded (w/ferrules DIN 46 228/1), mm²

Contact wire range, mm²

Stripping length, mm

Cross-current via LED, mA

Features

Material of insulated housing | Temperature range

Number of cross-connection channels | Test pick-off option

Accessories

End plate AP

Cat. no.

Insulated cross-connection FQI

Cat. no. 2-poles

Insulated cross-connection FQI

Cat. no. 3-poles

Insulated cross-connection FQI

Cat. no. 4-poles

Insulated cross-connection FQI

Cat. no. 5-poles

Insulated cross-connection FQI

Cat. no. 6-poles

Insulated cross-connection FQI

Cat. no. 7-poles

Insulated cross-connection FQI

Cat. no. 8-poles

Insulated cross-connection FQI

Cat. no. 9-poles

Insulated cross-connection FQI

Cat. no. 10-poles

Insulated cross-connection FQI

Cat. no. 50-poles

Cross-connection

Colours available

End stop ZES

Cat. no.

Screwdriver SDB

Cat. no.

Bezeichnungsadapter FBA

Cat. no.

Quick marking PMC SB

Cat. no.

Pressure-spring connection

72 x 5.1 x 47

72 x 5.1 x 48

VPE

FIK 2,5/3 BG

3295.2

100

②

IEC*

250

24

2.5 | 26-12

6 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

12

-

PA 6.6 | -40°C bis +120°C

3 | 0

FAPIK 2,5/3 BG

17430.2

FQI 2,5/2 YE

3462.8

FQI 2,5/3 YE

3463.8

FQI 2,5/4 YE

3464.8

FQI 2,5/5 YE

3465.8

FQI 2,5/6 YE

3466.8

FQI 2,5/6 YE

3467.8

FQI 2,5/8 YE

3468.8

FQI 2,5/9 YE

3469.8

FQI 2,5/10 YE

3460.8

FQI 2,5/50 YE

3461.8

④ ⑤ ⑧ ⑨

ZES 35/2 BG

3811.2

SDB 0,5x3,0

1085.0

FBA 1 BG

3424.2

PMC SB 6/50 WH

4702.7

Pressure-spring connection

72 x 5.1 x 47

72 x 5.1 x 48

VPE

FIK 2,5/3/LED(RD) BG

3296.2

100

②

IEC*

24

24

2.5 | 26-12

6 | 3

A3 | V0

0.2-4 | -

0.2-4 | 0.2-2.5

0.2-4

12

5

PA 6.6 | -40°C bis +120°C

3 | 0

FAPIK 2,5/3 BG

17430.2

FQI 2,5/2 YE

3462.8

FQI 2,5/3 YE

3463.8

FQI 2,5/4 YE

3464.8

FQI 2,5/5 YE

3465.8

FQI 2,5/6 YE

3466.8

FQI 2,5/6 YE

3467.8

FQI 2,5/8 YE

3468.8

FQI 2,5/9 YE

3469.8

FQI 2,5/10 YE

3460.8

FQI 2,5/50 YE

3461.8

④ ⑤ ⑧ ⑨

ZES 35/2 BG

3811.2

SDB 0,5x3,0

1085.0

FBA 1 BG

3424.2

PMC SB 6/50 WH

4702.7

*Approval applied for