

## FDLI 2.5-4

### Three-conductor functional terminals

*The new three-conductor functional terminals **FDLI** offer a wide range of functions and many different application possibilities at a width of 5.1 mm.*

Solid wires and flexible wires with wire-end ferrules can be inserted into the connection mechanism without the need for tools. The maximum connection cross-section is 4 mm<sup>2</sup>. The cross-connections **FQI** are available with 2 to 10 poles, are insulated and have a pluggable design. They cross connect up to the rated current of the relevant terminals **FDLI**.

The base terminals of the **FDLI 2.5-4**-series are available in eight different versions. Users are offered optimal solutions for every application with the feed-through terminal, the feed-through terminal with disconnect-blade or the unpopulated terminal version with freely selectable accessories.

The basic terminal **FDLI 2.5-4 OT** can accept—without additional accessories— automotive fuses **SI C**, fuse plugs **ZS/H** for 5 x 20 mm micro-fuses with or without LED or the isolator **ZDS** and component connector.

As with all **CONTA-CLIP** PE terminals, the **FDLI** terminals also implement a two-sided contact with the DIN rail. This solid, contiguous construction guarantees low contact resistance as well as the high security of the internal-spring PE contact foot.

#### Features

- Terminal housing can be snapped on TS 35 rail
- Terminal width 5.1 mm
- Basic terminal **FDLI 2.5-4 OT** with many combination possibilities thanks to the wide range of accessories.
- PE foot makes contact with the DIN rail on both sides



Sample **FDLI**

# Three-conductor functional terminals FDLI

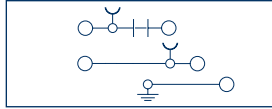
## Pressure-spring-connection system



- Foot can be snapped on TS35 DIN rail
- Housing made from polyamide 6.6 UL 94-V0

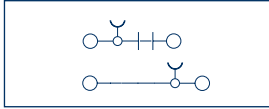
## Connection diagram

### FDLI 2.5-4 NT/L/PE



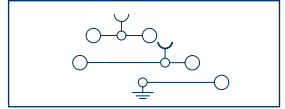
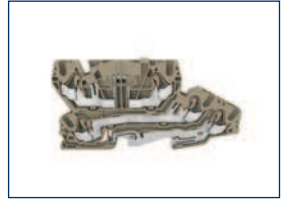
Three-wire installation terminal with disconnect lever, 5 connections

### FDLI 2.5-4 NT/L



Three-wire installation terminal with disconnect lever, 4 connections

### FDLI 2.5-4 L/L/PE



Three-wire installation terminal, 5 connections

Connection type	Pressure-spring system	Pressure-spring system	Pressure-spring system
Size (L x W x H) mm with TS 35 x 7.5, mm	101 x 5.1 x 55.6	101 x 5.1 x 55.6	101 x 5.1 x 54
Type	Qty.	Qty.	Qty.
Type / colour	FDLI 2.5-4 NT/L/PE	FDLI 2.5-4 NT/L	FDLI 2.5-4 L/L/PE
Cat. no.	<b>3283.2</b>	<b>3284.2</b>	<b>3285.2</b>
Type / colour	FDLI 2,5-4 MT/L/PE	FDLI 2,5-4 MT/L	
Cat. no.	<b>3282.2</b>	<b>3289.2</b>	
Type / colour			
Cat. no.			
Type / colour			
Cat. no.			
Colours available			
Ratings	②	②	②
Rated voltage, V	IEC* 400 UL* 300 CSA* 300	IEC* 400 UL* 300 CSA* 300	IEC* 400 UL* 300 CSA* 300
Rated current, A	18/32 15 15	18/32 15 15	18/32 15 15
Rated cross-section, mm <sup>2</sup>   AWG	4   26-10	4   26-10	4   26-10
Rated impulse voltage, kV   Contamination degree	6   3	6   3	6   3
Plug gauge acc. to EN 60 947-1   Flammability class acc. to UL 94	A3   V0	A3   V0	A3   V0
Connection data			
Single wire (solid)   stranded, mm <sup>2</sup>	0.2-4   -	0.2-4   -	0.2-4   -
Finely-stranded   finely-stranded (w/ferrules acc. to DIN 46 228/1), mm <sup>2</sup>	0.2-4   0.2-2.5	0.2-4   0.2-2.5	0.2-4   0.2-2.5
Clamping area, mm <sup>2</sup>	0.2-4	0.2-4	0.2-4
Stripping length, mm	12	12	12
Features			
Material of insulated housing   Temperature range	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C	PA 6.6   -40 to +120°C
Number of cross-connection channels   Test pick-off option	2   -	2   -	2   -
Accessories	Qty.	Qty.	Qty.
End plate FAPDT	FAPDT 4 BG	FAPDT 4 BG	FAPDT 4 BG
Cat. no.	<b>3487.2</b>	<b>3487.2</b>	<b>3487.2</b>
Insulated cross-connector FQI	FQI 2.5-4/2 YE	FQI 2.5-4/2 YE	FQI 2.5-4/2 YE
Order No.	<b>3492.8</b>	<b>3492.8</b>	<b>3492.8</b>
Insulated cross-connector FQI	FQI 2.5-4/3 YE	FQI 2.5-4/3 YE	FQI 2.5-4/3 YE
Order No.	<b>3493.8</b>	<b>3493.8</b>	<b>3493.8</b>
Insulated cross-connector FQI	FQI 2.5-4/4 YE	FQI 2.5-4/4 YE	FQI 2.5-4/4 YE
Order No.	<b>3494.8</b>	<b>3494.8</b>	<b>3494.8</b>
Insulated cross-connector FQI	FQI 2.5-4/5 YE	FQI 2.5-4/5 YE	FQI 2.5-4/5 YE
Order No.	<b>3495.8</b>	<b>3495.8</b>	<b>3495.8</b>
Insulated cross-connector FQI	FQI 2.5-4/6 YE	FQI 2.5-4/6 YE	FQI 2.5-4/6 YE
Order No.	<b>3496.8</b>	<b>3496.8</b>	<b>3496.8</b>
Insulated cross-connector FQI	FQI 2.5-4/7 YE	FQI 2.5-4/7 YE	FQI 2.5-4/7 YE
Order No.	<b>3497.8</b>	<b>3497.8</b>	<b>3497.8</b>
Insulated cross-connector FQI	FQI 2.5-4/8 YE	FQI 2.5-4/8 YE	FQI 2.5-4/8 YE
Order No.	<b>3498.8</b>	<b>3498.8</b>	<b>3498.8</b>
Insulated cross-connector FQI	FQI 2.5-4/9 YE	FQI 2.5-4/9 YE	FQI 2.5-4/9 YE
Order No.	<b>3499.8</b>	<b>3499.8</b>	<b>3499.8</b>
Insulated cross-connector FQI	FQI 2.5-4/10 YE	FQI 2.5-4/10 YE	FQI 2.5-4/10 YE
Order No.	<b>3490.8</b>	<b>3490.8</b>	<b>3490.8</b>
Feed through connectors			
Cat. no.			
ZES end stop	ZES 35 BG	ZES 35 BG	ZES 35 BG
Cat. no.	<b>3748.2</b>	<b>3748.2</b>	<b>3748.2</b>
SDB screwdriver	SDB 0.4x2.0	SDB 0.4x2.0	SDB 0.4x2.0
Cat. no.	<b>3164.0</b>	<b>3164.0</b>	<b>3164.0</b>
PMC SB quick marking	PMC SB 5/50 WH	PMC SB 5/50 WH	PMC SB 5/50 WH
Cat. no.	<b>4600.7</b>	<b>4600.7</b>	<b>4600.7</b>



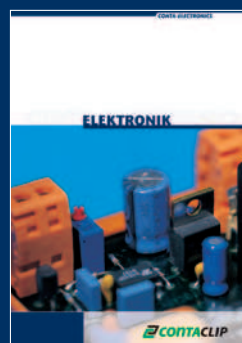


[www.conta-clip.com](http://www.conta-clip.com)

**CONTA-CONNECT**  
[Connection Systems]



**CONTA-ELECTRONICS**  
[Electronics]



**CONTA-CON**  
[PCB Connectors]



EN 04|12 Errors, changes and omissions excepted. All rights reserved.