

# FLKM 16/KDS3-MT/PPA - Termination board

2901294

<https://www.phoenixcontact.com/us/products/2901294>



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Passive interface module with knife disconnect terminal blocks and 16-pos. flat-ribbon cable connection.

## Commercial data

Item number	2901294
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK2181
GTIN	4046356581691
Weight per piece (including packing)	232.6 g
Weight per piece (excluding packing)	130 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
Number of positions	16

### Insulation characteristics

Overvoltage category	III
Pollution degree	2

### Electrical properties

Nominal voltage $U_N$	< 50 V AC/DC
Max. current carrying capacity per branch	1 A
Rated insulation voltage	50 V
Rated surge voltage	0.8 kV (Basic insulation)

### Connection data

#### Field level

Connection method	Screw connection
Stripping length	8 mm
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 12

#### Controller level

Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	16
Pitch	2.54 mm

### Dimensions

#### Item dimensions

Width	90 mm
Height	90 mm
Depth	62 mm

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

### Standards and regulations

Standards/regulations	DIN EN 50178
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## Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

## Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.	

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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