DK-BIC-35 - Feed-through terminal block

2749880

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Feed-through terminal block for VAL and FLT applications

Your advantages

- Biconnect feed-through terminal block
- For wiring mixed combinations of lightning and surge arresters
- As a system extension for FLASHTRAB and VALVETRAB applications

Commercial data

Item number	2749880
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL18
Product key	CL132Z
GTIN	4017918108212
Weight per piece (including packing)	90.8 g
Weight per piece (excluding packing)	71.43 g
Customs tariff number	85363010
Country of origin	IN

Technical data

Notes

General

Note	The nominal cross section for rated load current is 35 mm².

Product properties

Product type	Feed-through terminal block
Type	DIN rail module, one-piece
Number of connections	2
Number of rows	1

Insulation characteristics

Overvoltage category	III
Pollution degree	2

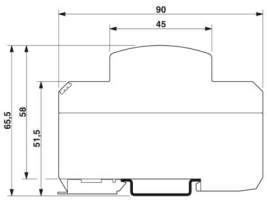
Electrical properties

Rated voltage (III/3)	500 V AC/DC

Connection data

Connection method	Screw connection
Screw thread	M5
Tightening torque	... 4.5 Nm
Stripping length	14.5 mm
Conductor cross-section rigid	0.5 mm² ... 35 mm²
Cross section AWG	20 ... 2 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm² ... 25 mm²
Nominal cross section	25 mm²
Nominal current	125 A (30 °C)
Nominal voltage	500 V AC
	500 V DC

Dimensions

Dimensional drawing	
Width	17.7 mm
Height	89.8 mm
Depth	65.5 mm (incl. DIN rail 7.5 mm)
Horizontal pitch	1 HP

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V-0
Housing material	PA 6.6-FR

Mechanical properties

Mechanical data

Open side panel	No

Protective circuit

Maximum continuous operating voltage U_C	500 V AC
	500 V DC
Impulse discharge current (10/350) µs, charge	50 As
Impulse discharge current (10/350) µs, specific energy	2.5 MJ/Ω
Impulse discharge current (10/350) µs, peak value I_{imp}	100 kA

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C

Standards and regulations

Air clearances and creepage distances

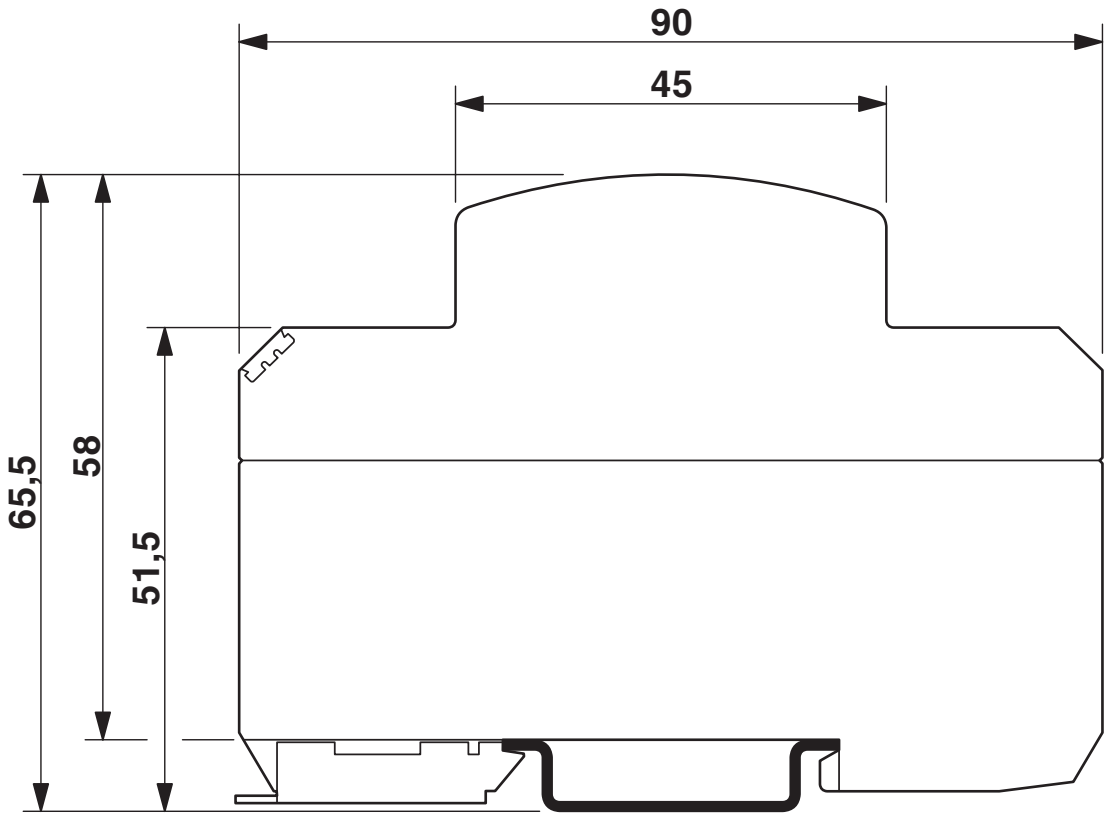
Standards/regulations	DIN VDE 0110-1 / IEC 60664-1
Standards/specifications	EN 60947-7-1
Note	2009
Standards/specifications	IEC 61643-11
Note	2011
Standards/specifications	EN 61643-11
Note	2012

Mounting

Mounting type	DIN rail: 35 mm

Drawings

Dimensional drawing



Circuit diagram



Classifications

ECLASS

ECLASS-13.0	27250101
ECLASS-15.0	27250101

ETIM

ETIM 10.0	EC000897

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

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

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