

0915001

https://www.phoenixcontact.com/us/products/0915001

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Thermal-magnetic circuit breaker, 2-pos., normal blow, 1 N/O contact and 1 N/C contact, with universal foot for mounting on NS 32 or NS 35

Commercial data

Item number	0915001
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	CL04
Product key	CLA121
Catalog page	Page 282 (CL-2002)
GTIN	4017918009687
Weight per piece (including packing)	132.866 g
Weight per piece (excluding packing)	132.866 g
Customs tariff number	85362010
Country of origin	DE



0915001

https://www.phoenixcontact.com/us/products/0915001

Technical data

Product properties

Туре	DIN rail module, one-piece
Product type	Thermomagnetic device circuit breakers
Product family	TMC
Number of positions	2
Number of connections	4
Number of rows	2
No. of channels	1
Insulation characteristics	
Overvoltage category	II .
Degree of pollution	2

Auxiliary contact

2.5 A AC (Low-induction)

240 V AC 65 V DC

Electrical properties

Fuse type	Automatic device
eneral	
Rated voltage	250 V AC (3 AC 433 V)
	65 V DC
Rated current I _N	2.5 A
Rated surge voltage	2.5 kV
Insulation resistance R _{iso}	> 100 MΩ (500 V DC)
Auxiliary circuit	240 V AC / 1 A (Low-induction)
	65 V AC / 1 A (Low-induction)
Tripping method	TM (thermomagnetic)
Device resistance	0.183 Ω
Rated short-circuit switching capacity I _{cn}	400 A
	2500 A (32 V DC)
Short-circuit switching capacity	5000 A ()
	2000 A (UL 1077: 65 V DC)
Dielectric strength	3000 V AC (Actuation area)
	3000 V AC (Main to auxiliary circuit)
	1500 V AC (Position to position)
Switching cycles, max.	10000 (At 1 x I _n , inductive)
Fuse	M1 (normal blow)

Connection data

Connection name Operating voltage

Operating current



0915001

https://www.phoenixcontact.com/us/products/0915001

Main contact

Screw thread	M3
Tightening torque	0.6 0.8 Nm
Stripping length	12 mm
Internal cylindrical gage	A3
Conductor cross section rigid	0.2 mm² 6 mm²
Cross section AWG	24 10 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² 4 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² 2.5 mm²
2 conductors with same cross section, solid	0.2 mm² 0.75 mm²
2 conductors with same cross section, flexible	0.2 mm² 0.75 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² 1 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² 2.5 mm ²
Nominal current	2.5 A
Nominal voltage	250 V AC
	65 V DC

Auxiliary contact

Screw thread	M3
Tightening torque	0.6 0.8 Nm
Stripping length	12 mm
Internal cylindrical gage	A1
Conductor cross section rigid	0.2 mm² 2.5 mm²
Cross section AWG	24 14 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² 1.5 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² 1.5 mm ²
2 conductors with same cross section, solid	0.2 m² 0.75 m²
2 conductors with same cross section, flexible	0.2 m² 0.75 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² 0.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² 0.75 mm²
Nominal current	2.5 A
Nominal voltage	250 V AC
	65 V DC

Main contact

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 Nm 0.8 Nm
Stripping length	12 mm



0915001

https://www.phoenixcontact.com/us/products/0915001

Standards/specifications Standards/specifications

Conductor cross section flexible	0.2 mm² 4 mm²
Conductor cross section rigid	0.2 mm² 6 mm²
Conductor cross section AWG	24 10
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.2 mm² 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve	0.25 mm² 4 mm²
Auxiliary contact	
Connection method	Screw connection
Screw thread	M3
Tightening torque	0.6 Nm 0.8 Nm
Stripping length	12 mm
Conductor cross section flexible	0.2 mm² 1.5 mm²
Conductor cross section rigid	0.2 mm² 2.5 mm²
Conductor cross section AWG	24 14
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.25 mm² 1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve	0.25 mm² 2.5 mm²
Dimensions	
Width	25 mm
Height	82.5 mm
Depth	96 mm
Material specifications	
Color	black (RAL 9005)
Flammability rating according to UL 94	V-2
Insulating material group	II
Insulating material	PA66
Mechanical properties	
Mechanical data	
Open side panel	No
Environmental and real-life conditions	
Ambient conditions	
Degree of protection	IP30 (Actuation area)
,	IP20 (Connection area)
Ambient temperature (operation)	-30 °C 60 °C
Humidity test	240 h, 95 % RH, 40 °C
	7 · · · · · · · · · · · ·
Standards and regulations	

EN 60934

UL 1077



0915001

https://www.phoenixcontact.com/us/products/0915001

Mounting

Mounting type	DIN rail: 35 mm
---------------	-----------------



0915001

https://www.phoenixcontact.com/us/products/0915001

Classifications

ECLASS

UNSPSC 21.0

	ECLASS-11.0	27141116
	ECLASS-12.0	27141116
	ECLASS-13.0	27140401
ETIM		
	ETIM 9.0	EC000899
UN	SPSC	

39121400



0915001

https://www.phoenixcontact.com/us/products/0915001

Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com