

0914691

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

Commercial data

Item number	0914691
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	CL04
Product key	CLA121
Catalog page	Page 282 (CL-2002)
GTIN	4017918009373
Weight per piece (including packing)	63.53 g
Weight per piece (excluding packing)	63.53 g
Customs tariff number	85362010
Country of origin	DE



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Technical data

Product properties

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

Electrical properties

Fuse type	Automatic device
eneral	
Rated voltage	250 V AC
	65 V DC
Rated current I _N	8 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	0.02 Ω
Rated short-circuit switching capacity I _{cn}	800 A
	2500 A (32 V DC)
Short-circuit switching capacity	5000 A (UL 1077: 277 V AC)
	2000 A (UL 1077: 65 V DC)
Dielectric strength	3000 V AC (Actuation area)
	3000 V AC (Main to auxiliary circuit)
Switching cycles, max.	10000 (At 1 x I _n , inductive)
Fuse	M1 (normal blow)

Indicator/remote signaling

Connection name	Auxiliary contact
Operating voltage	240 V AC
	65 V DC
Operating current	8 A AC (Low-induction)

Connection data



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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	8 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 mm² 1.5 mm²
2 conductors with same cross section, solid	0.2 m ² 0.75 m ²
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 mm ² 0.75 mm ²
Nominal current	8 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



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Standards/specifications Standards/specifications

Conductor cross section flexible	0.2 mm² 4 mm²
Conductor cross section rigid	0.2 mm ² 6 mm ²
Conductor cross section AWG	24 10
Conductor cross section, flexible, with ferrule, with plastic sleeve	0.25 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
mensions	
Width	12.5 mm
Height	82.5 mm
Depth	96 mm
aterial specifications	
Color	black (RAL 9005)
Flammability rating according to UL 94	V-2
Insulating material group	II
Insulating material	PA66
echanical properties	
Mechanical data	
Open side panel	No
vironmental and real-life conditions	
Ambient conditions	
Degree of protection	IP30 (Actuation area)
	IP20 (Connection area)
	,
Ambient temperature (operation)	-30 °C 60 °C
Ambient temperature (operation) Humidity test	-30 °C 60 °C 240 h, 95 % RH, 40 °C

EN 60934

UL 1077



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Mounting

Mounting type	DIN rail: 35 mm
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Classifications

ECLASS

	ECLASS-11.0	27141116		
	ECLASS-12.0	27141116		
	ECLASS-13.0	27140401		
ETIM				
	ETIM 9.0	EC000899		
UNSPSC				
	UNSPSC 21.0	39121400		



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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"

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