PRODUCT-DETAILS

CM-MSE

CM-MSE Thermistor motor protection relay 1n/o, 220-240VAC



General Information

Extended Product Type	CM-MSE
Product ID	1SVR550801R9300
EAN	4013614348785
Catalog Description	CM-MSE Thermistor motor protection relay 1n/o, 220-240VAC
Long Description	The CM-MSE relay is from the CM thermistor motor protection relay range. This relay operates with a rated control supply voltage of 220-240 V AC and has a 1 n/o output contact rated at 250 V / 4 A. It features one sensor circuit for monitoring of PTC temperature sensors or bimetals. This relay offers automatic reset and works according to the closed-circuit principle. A sealable transparent cover for protection against unauthorized changes is available as accessory

Ordering

EAN	4013614348785
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Dimensions

Product Net Width	22.5 mm
Product Net Height	78 mm
Product Net Depth / Length	78.5 mm
Product Net Weight	0.104 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	23 mm
Package Level 1 Height	82 mm
Package Level 1 Depth / Length	82 mm
Package Level 1 Gross Weight	0.115 kg
Package Level 1 EAN	4013614348785

Technical

Function	1 sensor circuit Auto reset
Rated Control Supply Voltage (U_s)	220 ... 240 V AC
Rated Frequency (f)	Supply Circuit 50/60 Hz
Output	1 n/o contact
Terminal Type	Screw Terminals
Rated Operational Current AC-12 (I_e)	(230 V) 4 A
Rated Operational Current AC-15 (I_e)	(230 V) 3 A
Rated Operational Current DC-12 (I_e)	(24 V) 4 A
Rated Operational Current DC-13 (I_e)	(24 V) 2 A
Rated Insulation Voltage (U_i)	Measuring Circuit / Output Circuit 250 V Supply Circuit / Output Circuit 250 V
Rated Impulse Withstand Voltage (U_{imp})	Output Circuit 4 kV
Degree of Protection	Housing IP50 Terminals IP20
Short-Circuit Protective Devices	Output Circuit NC - F Type Fuses 10 A Output Circuit NO - F Type Fuses 10 A
Connecting Capacity	Flexible with Ferrule 2x 1.5 mm² Flexible 2x 1 ... 1.5 mm² Rigid 2x 0.75 ... 1.5 mm²
Tightening Torque	0.6 ... 0.8 N·m
Wire Stripping Length	10 mm
Mounting Position	1 ... 6
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Standards	CAN/CSA C22.2 No.14 IEC/EN 63000 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508

Environmental

Ambient Air Temperature	Operation -20 ... +60 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Output Circuit 250 V AC
Connecting Capacity UL/CSA	Flexible with Ferrule 2x 16 AWG Flexible 2x 18-16 AWG Rigid 2x 18-16 AWG
Tightening Torque UL/CSA	7.08 in·lb

Certificates and Declarations (Document Number)

CB Certificate	CB_DK-8880
CCC Certificate	CCC_2013010303605960
CQC Certificate	CQC2013010303605960
cUL Certificate	cUL508_E140448
Data Sheet, Technical Information	2CDC110004C0210_02
Declaration of Conformity - CCC	2020980303000202
Declaration of Conformity - CE	1SVD981023-00
Declaration of Conformity - UKCA	1SVD981023-10
EAC Certificate	EAC_RU_C-DE.ME77.B.03206
Instructions and Manuals	1SVC550000M9000
RoHS Information	1SVD981023-00
UL Certificate	UL508_E140448

Classifications

Object Classification Code	B
ETIM 4	EC001446 - Temperature monitoring relay
ETIM 5	EC002568 - Temperature monitor (motor protection)
ETIM 6	EC002568 - Relay for thermistor protection (PTC)
ETIM 7	EC002568 - Relay for thermistor protection (PTC)
ETIM 8	EC002568 - Relay for thermistor protection (PTC)
eClass	V11.0 : 27371503
E-Number (Finland)	3580831
E-Number (Sweden)	3860213

Categories

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Thermistor Motor Protection Relays

