

PRODUCT-DETAILS

## CM-MSS.32S

# CM-MSS.32S Therm. motor protec. relay 2c/o, 24VAC/DC



### Información General

Tipo de producto extendido	CM-MSS.32S
Código de producto	1SVR730712R0200
EAN	4013614496684
Descripción corta	CM-MSS.32S Therm. motor protec. relay 2c/o, 24VAC/DC
Descripción larga	<p>The CM-MSS.32S belongs to the CM-MSS thermistor motor protection relay range. It operates with a rated control supply voltage of 24 V AC/DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. It features one sensor circuit to monitor PTC temperature sensors and works according to the closed-circuit principle. The sensor circuit of this CM-MSS.32S is short-circuit, as well as interrupted-wire monitored and the relay can be reset automatically, manually or remotely after the failure has been removed. This protection relay is certified according to the ATEX directive 94/9/EC and is equipped with a reset / test button. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.</p>

### Clasificación

EAN	4013614496684
Cantidad mínima de pedido	1 piece
Código arancelario	85364900

### Dimensiones

Ancho del product	22.5 mm
Alto del producto	85.6 mm

Largo del product	103.7 mm
Peso del product	0.13 kg

## Información de Embalaje

Embalaje Nivel 1 Unidades	box 1 piece
Embalaje Nivel 1 Ancho	97 mm
Embalaje Nivel 1 Alto	109 mm
Embalaje Nivel 1 Largo	30 mm
Embalaje Nivel 1 Peso	0.157 kg
Embalaje Nivel 1 EAN	4013614496684

## Technical

Function	1 sensor circuit Short-circuit detection Dynamic interrupted wire detection Auto manual or remote reset ATEX approved
Rated Control Supply Voltage (U <sub>s</sub> )	24 V AC/DC
Rated Frequency (f)	Supply Circuit 50/60 Hz
Output	2 c/o (SPDT) contacts
Terminal Type	Screw Terminals
Rated Operational Current AC-12 (I <sub>e</sub> )	(230 V) 4 A
Rated Operational Current AC-15 (I <sub>e</sub> )	(230 V) 3 A
Rated Operational Current DC-12 (I <sub>e</sub> )	(24 V) 4 A
Rated Operational Current DC-13 (I <sub>e</sub> )	(24 V) 2 A
Minimum Switching Capacity	24 V 10 mA
Rated Insulation Voltage (U <sub>i</sub> )	Measuring Circuit / Output Circuit 300 V Output Circuit 1 / Output Circuit 2 300 V Supply Circuit / Output Circuit 300 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	Output Circuit 1 / Output Circuit 2 4 kV Output Circuit 4 kV
Grado de protección	Housing IP50 Terminals IP20
Overvoltage Category	III
Pollution Degree	3
Short-Circuit Protective Devices	Output Circuit NC - F Type Fuses 10 A Output Circuit NO - F Type Fuses 10 A
Electrical Durability	AC-12 100000 cycle
Mechanical Durability	30000000 cycle
Connecting Capacity	Flexible 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible 2x 0.5 ... 1.5 mm <sup>2</sup> Rigid 1x 0.5 ... 4 mm <sup>2</sup> Rigid 2x 0.5 ... 2.5 mm <sup>2</sup>
Tightening Torque	0.6 ... 0.8 N·m Auxiliary Circuit 1 ... 1.2 N·m Main Circuit 2.5 ... 2.7 N·m
Wire Stripping Length	8 mm Auxiliary Circuit 9 mm Main Circuit 12 mm
Recommended Screw Driver	Pozidriv 1 4.5 0.8 x 4

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 EN 50495 IEC/EN 63000 IEC/EN 60079-7 IEC/EN 60947-5-1 IEC/EN 60947-8 UL 508

## Ambiente

Temperatura ambiente	Funcionamiento -25 ... +60 °C Almacenamiento -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 300 V AC
Contact Rating UL/CSA	(NC:) Q600 (NO:) Q600 (NC:) B600 (NO:) D300 B300
Connecting Capacity UL/CSA	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 1x 20-12 AWG Rigid 2x 20-14 AWG
Tightening Torque UL/CSA	7.08 in-lb

## Certificados y Declaraciones (Número de Documento)

ATEX Certificate	EU Type Examination Certificate_TPS_18_ATEX_044254_0018_X
CB Certificate	CB_DK-40837-UL
CCC Certificate	CCC_2005010303165479
CQC Certificate	CQC2005010303165479
cULus Certificate	cULus508_20140912-E140448
Ficha técnica, información técnica	2CDC112221D0201
Declaration of Conformity - CCC	2020980303000194
Declaración de conformidad - CE	1SVD981007
Declaration of Conformity - UKCA	1SVD981007-10
DNV GL Certificate	DNVGL_TAE00003W4
EAC Certificate	EAC_RU_C-DE.ME77.B.01825
Instrucciones y manuales	1SVC730700M1000
Instructions and Manuals (Part 2)	1SVC730640M9000
RoHS Information	1SVD981007

## Clasificaciones

Object Classification	B
-----------------------	---

Code	
ETIM 5	EC002568 - Temperature monitor (motor protection)
ETIM 6	EC002568 - Relay for thermistor protection (PTC)
ETIM 7	EC002568 - Relay for thermistor protection (PTC)
eClass	V11.0 : 27371503
E-Number (Finland)	2712508
E-Number (Sweden)	3860734

---

## Categorías

---

Productos y sistemas de baja tensión → Aparatos de control → Relés electrónicos → Thermistor Motor Protection Relays

