

PRODUCT-DETAILS

CM-MPN.52S

CM-MPN.52S Three-phase monitoring relay 2c/o, 0,0.1-30s, L1-L2-L3=3x350-580VAC



Información General

Tipo de producto extendido	CM-MPN.52S
Código de producto	1SVR750487R8300
EAN	4016779851916
Descripción corta	CM-MPN.52S Three-phase monitoring relay 2c/o, 0,0.1-30s, L1-L2-L3=3x350-580VAC
Descripción larga	<p>The CM-MPN.52S is a multifunctional relay from the CM three-phase monitors range. It operates with a rated control supply voltage / three-phase measuring voltage of 350-580 V AC 50/60 Hz and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. This relay monitors all phase parameters such as over/undervoltage, phase unbalance and phase failure. The corresponding threshold values are adjustable. The CM-MPN.52S also offers selection of phase sequence monitoring, automatic phase sequence correction as well as an ON or OFF tripping delay. The output contacts can be configured as 1x2 c/o (SPDT) contacts (common signal) or 2x1 c/o (SPDT) contact (separate signal for over- and undervoltage thresholds) operation. The tripping delay is adjustable over a range of instantaneous to 30 s (0, 0.1-30 s). 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

Cantidad mínima de pedido	1 piece
Código arancelario	85364900

Descargas Populares

Ficha técnica,
información técnica

2CDC112177D0201

Instrucciones y
manuales

1SVC730510M1001

Dimensiones

Ancho del product	45 mm
Largo del product	104.8 mm
Alto del producto	85.6 mm
Peso del product	0.23 kg

Technical

Function	Automatic phase sequence correction Over- and undervoltage monitoring Phase failure detection Phase unbalance detection Phase sequence monitoring
Standards	CAN/CSA C22.2 No.14 IEC/EN 63000 IEC/EN 60255-27 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508
Measuring Range	(L-L) 350 ... 580 V AC
Rated Control Supply Voltage (U _s)	(L-L) 350 ... 580 V AC
Rated Frequency (f)	Supply Circuit 50/60 Hz
Output	2 x 1 c/o or 1 x 2 c/o contacts, configurable
Time Range	0 s or 0.1 ... 30 s tripping delay (ON or OFF) 200 ms start-up delay
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
Minimum Switching Capacity	24 V 10 mA
Rated Insulation Voltage (U _i)	Input Circuit / Output Circuit 1000 V Output Circuit 1 / Output Circuit 2 300 V
Rated Impulse Withstand Voltage (U _{imp})	Input Circuit 8 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 6 A Output Circuit NO - F Type Fuses 10 A
Electrical Durability	AC-12 1000000 cycle
Mechanical Durability	30000000 cycle
Connecting Capacity	Flexible with Ferrule 1x 0.5 ... 2.5 mm ² Flexible with Ferrule 2x 0.5 ... 1.5 mm ² Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm ² Flexible 1x 0.5 ... 2.5 mm ² Flexible 2x 0.5 ... 1.5 mm ² Rigid 1x 0.5 ... 4 mm ²

	Rigid 2x 0.5 ... 2.5 mm ²
Tightening Torque	0.6 ... 0.8 N·m
Wire Stripping Length	8 mm
Recommended Screw Driver	4.5 0.8 x 4 Pozidriv 1
Mounting Position	1 ... 6
Mounting on DIN Rail	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715

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	B300
Connecting Capacity UL/CSA	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 2x 20-14 AWG Rigid 1x 20-12 AWG
Tightening Torque UL/CSA	7.08 in·lb

Certificados y Declaraciones (Número de Documento)

CB Certificate	CB_DK-27946-UL
CQC Certificate	CQC2009010303326655
cULus Certificate	cULus508_20120829-E140448
Declaration of Conformity - CCC	2020980303000197
Declaración de conformidad - CE	1SVD981014-00
Declaration of Conformity - UKCA	1SVD981014-10
DNV GL Certificate	DNV_GL_TAA000017D
EAC Certificate	EAC_RU_C-DE.ME77.B.03424
Instrucciones y manuales	1SVC730510M1001
RoHS Information	1SVD981014-00

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	52.5 mm
Embalaje Nivel 1 Peso	0.255 kg
Embalaje Nivel 1 EAN	4016779851916

Clasificaciones

Object Classification Code	B
ETIM 4	EC001441 - Phase monitoring relay
ETIM 5	EC001441 - Phase monitoring relay
ETIM 6	EC001441 - Phase monitoring relay
ETIM 7	EC001441 - Phase monitoring relay
eClass	V11.0 : 27371803
UNSPSC	39121536
E-Number (Finland)	2712264
E-Number (Sweden)	3860592

Categorías

Productos y sistemas de baja tensión → Aparatos de control → Relés electrónicos → Three Phase Monitors

