



 PRODUCT-DETAILS

CM-PAS.41P

CM-PAS.41P Three-phase monitoring relay 2c/o, 0,0.1-30s, L1-L2-L3=3x300-500VAC



General Information

Extended Product Type	CM-PAS.41P
Product ID	1SVR740774R3300
EAN	4016779851985
Catalog Description	CM-PAS.41P Three-phase monitoring relay 2c/o, 0,0.1-30s, L1-L2-L3=3x300-500VAC
Long Description	<p>The CM-PAS.41P relay is from the CM three-phase monitors range. This relay operates with a rated control supply voltage / three-phase measuring voltage of 300-500 V AC and has a 2 c/o output with contacts rated at 250 V / 4 A. The CM-PAS.41P monitors the phase parameters phase failure, phase sequence and phase unbalance. An ON-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 maintenance free Easy Connect Technology with push-in terminals. The device offers screw connection technology with double-chamber cage connection terminals.</p>

Ordering

EAN	4016779851985
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	2CDC112206D0201
Instructions and Manuals	1SVC730730M1000 1SVC730730M0000
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	22.5 mm
Product Net Height	85.6 mm
Product Net Depth / Length	103.7 mm
Product Net Weight	0.123 kg

Technical

Function	Phase failure detection Phase sequence monitoring Phase unbalance detection
Measuring Range	(L-L) 300 ... 500 V AC
Time Range	200 ms start-up delay 0 s or 0.1 ... 30 s tripping delay (ON)
Rated Control Supply Voltage (U_s)	(L-L) 300 ... 500 V AC
Rated Frequency (f)	Supply Circuit 50/60 Hz
Output	2 c/o (SPDT) contacts
Terminal Type	Screwless 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 Impulse Withstand Voltage (U_{imp})	Input Circuit 6 kV Output Circuit 4 kV
Rated Insulation Voltage (U_i)	Input Circuit / Output Circuit 600 V Output Circuit 1 / Output Circuit 2 300 V
Degree of Protection	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 100000 cycle
Mechanical Durability	30000000 cycle
Connecting Capacity	Flexible with Ferrule 2x 0.5 ... 1.5 mm ² Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm ² Flexible 2x 0.5 ... 1.5 mm ² Rigid 2x 0.5 ... 1.5 mm ²
Wire Stripping Length	8 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 60255-27 IEC/EN 61000-6-2 IEC/EN 61000-6-3 UL 508

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
Contact Rating UL/CSA	B300
Connecting Capacity UL/CSA	Flexible 2x 18-16 AWG Rigid 2x 20-16 AWG
Pilot Duty UL/CSA	B300
Flammability According to UL94	V-0

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SVD981001-4501
RoHS Information	1SVD981001-4401
RoHS Status	Following EU Directive 2011/65/EU
SCIP	d68cf18d-94d2-4ed7-a8f8-707bc6af4f5f Germany (DE)
Simplified SCIP	bf2c77d6-30e8-4660-b241-75964fd43de5 Estonia (EE) d2acd383-7828-445d-9004-67c851b9fedd Bulgaria (BG) 69992115-6d42-422c-abc9-446eb11d4f07 Portugal (PT) 3fb1686b-2ec4-4964-bb5b-e22d8f7d68e6 Norway (NO) ae1b50c1-ccca-4ed0-961a-7a7b008de19e Finland (FI) 558879d4-44c1-487e-92c4-2fb1f4636190 Denmark (DK) 62a94a0f-9410-4f55-a220-11217b760a17 Poland (PL) c94ba3f7-f8b8-4d48-a58a-0c59859088e7 Germany (DE) 188e3d4b-1ffd-4d28-811e-892ec7847548 Belgium (BE) 8de947c2-41bb-4e90-b5b2-62efef36eba5 Italy (IT) d59a524d-212e-415b-9f17-e8b248b2f18c Croatia (HR) f4bcfb97-68f2-43a8-96a2-df1695b17a87 Germany (DE) 2c1cae50-6935-4802-9e03-54192fd62242 Hungary (HU) 561c2669-0aa2-42d8-9a9a-23d89dd82d59 France (FR) c3379eff-20e3-498d-b178-e481e224af85 Belgium (BE) 215f17bb-ec70-465a-9f34-255c676bffd1 France (FR) a7f8ed6c-8ac1-4132-8dd3-89f5fee0f1e7 Sweden (SE) 07f265d0-f695-446e-b237-18726ebd94e Germany (DE) d9e8f297-3975-409d-870e-883bf6ff743f Poland (PL) 1b52f45e-82e3-4df4-a0ab-089130cdaa22 Sweden (SE) f22dbf34-f234-4b63-8dab-31e0c4c5aac3 Spain (ES) f02aeaad-c232-4323-a217-9fe282a2fe11 Greece (GR) 0d1b6e62-bc85-4cb0-8f22-13b35914b297 Netherlands (NL) a59e3bb5-ce56-4736-8841-ba8e571f8a72 Hungary (HU) b298f9bb-bdd9-4618-a353-6b2469840945 Germany (DE)

8a850877-c836-46cb-a9a2-38f4dbd9bd74 Czech Republic (CZ)
9b8a6e99-86fd-484e-8897-c63f5dc4d7f1 Poland (PL)

Toxic Substances
Control Act - TSCA

2CMT2023-006536

ABB EcoSolutions

End of Life Instructions

1SAC200290H0001

Certificates and Declarations

CQC Certificate	CQC2009010303326655
cULus Certificate	cULus508_20120829-E140448
Declaration of Conformity - CCC	2020980303000197
Declaration of Conformity - CE	1SVD981014-00
Declaration of Conformity - UKCA	1SVD981014-10
DNV GL Certificate	DNV_GL_TAA000017D

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	97 mm
Package Level 1 Depth / Length	30 mm
Package Level 1 Height	109 mm
Package Level 1 Gross Weight	0.148 kg
Package Level 1 EAN	4016779851985

Classifications

Object Classification Code	B
ETIM 7	EC001441 - Phase monitoring relay
ETIM 8	EC001441 - Phase monitoring relay
ETIM 9	EC001441 - Phase monitoring relay
eClass	V11.0 : 27371803
UNSPSC	39122332
E-Number (Finland)	2712283
E-Number (Norway)	4188162
E-Number (Sweden)	3860599

Categories

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Three Phase Monitors

