

INDUSTRIAL COMPONENT DATA

1SVR550871R9500 ABB CM-PVE Phase monitoring relay 1n/o, L1,2,3 320-460VAC

Brand: ABB | Manufacturer Part Number: 1SVR550871R9500



Manufacturer	ABB
MPN / Reference	1SVR550871R9500
Catalog number	123320
Category	Phase monitoring relay
Minimum order	1 Pcs
Document ID	EO-76C24FFCF7
Generated	2026-08-06

Product Overview

CM-PVE Phase monitoring relay 1n/o, L1,2,3=320-460VAC
p.on-and-subtens.,1no,w/o

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	ABB > Electronic relays > Monitoring
--------------	--------------------------------------

Additional Product Information

Ordering

EAN 4013614348112

Minimum Order Quantity 1 piece

Customs Tariff Number 85364900

Popular Downloads

Data Sheet, Technical Information 2CDC112190D0201

Instructions and Manuals 1SVC550510M0002

CAD Dimensional Drawing 2CDC001079B0201

Dimensions

Product Net Width 22.5 mm

Product Net Height 78 mm

Product Net Depth / Length 78.5 mm

Product Net Weight 0.066 kg

Technical

Function Phase failure detection
Over- and undervoltage monitoring
Sub-Function Phase loss
Sub-Function 2 02 Over- and undervoltage (fixed)
Measuring Range (L-L) 320 ... 460 V AC
Time Range Tripping Delay (ON or OFF) 500 ms
Rated Control Supply Voltage (Us) (L-L) 320 ... 460 V AC
Rated Frequency (f) Supply Circuit 50/60 Hz
Output 1 n/o contact
Terminal Type Screw Terminals
Rated Operational Current AC-12 (Ie) (230 V) 4 A
Rated Operational Current AC-15 (Ie) (230 V) 3 A
Rated Operational Current DC-12 (Ie) (24 V) 4 A
Rated Operational Current DC-13 (Ie) (24 V) 2 A
Rated Impulse Withstand Voltage (Uimp) Input Circuit 4 kV
Rated Insulation Voltage (Ui) Input Circuit / Output Circuit 400 V
Degree of Protection 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
Connecting Capacity Flexible with Ferrule 2x 0.75 ... 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 TH35-1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SVR550871R9500 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.