

E16DU-1.0-10

For sale but "Obsolete", replaced by [1SAX111001R1102](#)

General Information

Extended Product Type:	E16DU-1.0-10
Product ID:	1SAX111201R0002
EAN:	4013614266935
Catalog Description:	E16DU-1.0-10 Electronic Overload Relay
Long Description:	E16DU-1.0-10 El. Overload Relay Trip class 10

Categories

Products » Low Voltage Products and Systems » Control Products » Contactors » Electronic Overload Relays
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Ordering

EAN:	4013614266935
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900
Replacement Product ID (NEW):	1SAX111001R1102

Dimensions

Product Net Width:	44.4 mm
Product Net Height:	74.6 mm
Product Net Length:	57.0 mm
Product Net Depth:	57.0 mm
Product Net Weight:	0.150 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	66.0 mm
Package Level 1 Height:	46.0 mm
Package Level 1 Length:	77.0 mm
Package Level 1 Gross Weight:	0.165 kg

Technical

Setting Range:	0.30 ... 1.00 A
Rated Operational Voltage (U _e):	Main Circuit 690 V AC Auxiliary Circuit 600 V AC/DC
Rated Operational Current (I _e):	1.00 A
Rated Operational Current AC-3 (I _e):	1.00 A
Rated Frequency (f _r):	Main Circuit 50 Hz Main Circuit 60 Hz Auxiliary Circuit DC Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz
Rated Impulse Withstand Voltage (U _{imp}):	Main Circuit 6 kV Auxiliary Circuit 6 kV
Rated Insulation Voltage (U _i):	690 V
Number of Poles:	3
Number of Auxiliary Contacts NC:	1
Number of Auxiliary Contacts NO:	1
Conventional Free-air Thermal Current (I _{th}):	6 A
Rated Operational Current AC-15 (I _e):	(240V) NC 3 A (400V) NC 1.1 A (500V) NC 0.72 A (240V) NO 3 A (400V) NO 1.1 A (500V) NO 0.72 A
Rated Operational Current DC-13 (I _e):	(125V) NC 0.55 A (125V) NO 0.5 A (24V) NC 1.5 A (24V) NO 1.5 A (250V) NC 0.27 A (250V) NO 0.27 A (60V) NC 0.55 A (60V) NO 0.55 A
Degree of Protection:	IP20
Pollution Degree:	3
Recommended Screw Driver:	Pozidrive 2
Mounting Position:	Position 1 to 6

Suitable For:	B6 B7 BC6 BC7 A09 A12 A16 AL09 AL12 AL16 VB6 VB7 VBC6 VBC7
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Standards: IEC/EN 60947-1, IEC/EN 60947-4-1, IEC/EN 60947-5-1, UL508, CSA 22.2 No. 14

Environmental

Ambient Air Temperature:	Operation -25 +70 °C Operation Compensated -25 ... +70 °C Storage -25 ...+70 °C
Ambient Air Temperature Compensation:	Yes
Maximum Operating Altitude Permissible:	2000 m
RoHS Status:	No declaration needed

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 600 V AC
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Certificates and Declarations (Document Number)

ATEX Certificate:	1SAA964000-3901
CCC Certificate:	1SAA964004-3801
CSA Certificate:	1SAA964000-1101
DNV Certificate:	1SAA964000-0302
Data Sheet, Technical Information:	2CDC106014C0203
Data Sheet, Technical Information (Part 2):	1SAX100502F0002
Declaration of Conformity - CE:	1SAD938504-0053
Dimension Diagram:	1SAX100402F0001 1SAX100401F0001
Environmental Information:	1SAA964001-2401
GL Certificate:	1SAA964000-0402
GOST Certificate:	1SAA964000-0402
Instructions and Manuals:	2CDC107019M5501
KEMA Certificate:	1SAA938001-1602
LR Certificate:	1SAA964000-0502
PRS Certificate:	1SAA964000-0502
RMRS Certificate:	1SAA964000-0701
RoHS Information:	1SAA964001-4401
UL Certificate:	1SAA964000-1601

Classifications

Object Classification Code:	F
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