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 PRODUCT-DETAILS

## E200DU-200

### E200DU-200 Electronic Overload Relay 60 ... 200 A

"No longer for sale" replaced by




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#### General Information

Extended Product Type	E200DU-200
Product ID	1SAX511001R1101
EAN	4013614395413
Catalog Description	E200DU-200 Electronic Overload Relay 60 ... 200 A

Long Description	<p>The E200DU-200 is a self-supplied electronic overload relay, which means no extra external supply is needed. It offers reliable and fast protection for motors in the event of overload or phase failure. Easy to use like a thermal overload relay and compatible with standard motor applications, the electronic overload relay is convincing, above all, due to its wide setting range, high accuracy, high operational temperature range and the possibility to select a trip class (10E, 20E, 30E). Further features are the temperature compensation, trip contact (NC), signal contact (NO), automatic- or manual reset selectable, trip-free mechanism, STOP- and Test function and a trip indication. The overload relays are connected directly to the contactors.</p>
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#### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900
Replacement Product ID (NEW)	1SAX531001R1101

## Popular Downloads

Data Sheet, Technical Information	1SBC100173C0201
Data Sheet, Technical Information (Part 2)	1SAX100502F0002 1SAX100508F0001
Instructions and Manuals	2CDC107020M5502
Dimension Diagram	1SAX511001F1101

## Dimensions

Product Net Width	105 mm
Product Net Height	171 mm
Product Net Depth / Length	121.5 mm
Product Net Weight	1.21 kg

## Technical

Setting Range	60 ... 200 A
Rated Operational Voltage	Auxiliary Circuit 600 V AC/DC Main Circuit 1000 V AC
Rated Operational Current ( $I_e$ )	200 A
Rated Frequency (f)	Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz Auxiliary Circuit DC Main Circuit 50 Hz Main Circuit 60 Hz
Rated Impulse Withstand Voltage ( $U_{imp}$ )	Auxiliary Circuit 6 kV Main Circuit 8 kV
Rated Insulation Voltage ( $U_i$ )	1000 V
Number of Poles	3P
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Protected Poles	3
Conventional Free-air Thermal Current ( $I_{th}$ )	Auxiliary Circuit NC 6 A Auxiliary Circuit NO 6 A
Rated Operational Current AC-15 ( $I_e$ )	(240 V) NC 3 A (240 V) NO 3 A (400 V) NC 1.1 A (400 V) NO 1.1 A (500 V) NC 0.7 A (500 V) NO 0.7 A
Rated Operational Current DC-13 ( $I_e$ )	(125 V) NC 0.55 A (125 V) NO 0.4 A (24 V) NC 1.5 A (24 V) NO 1.5 A (250 V) NC 0.27 A (250 V) NO 0.2 A (60 V) NC 0.55 A (60 V) NO 0.5 A
Degree of Protection	Housing IP20

	Main Circuit Terminals IP00
Pollution Degree	3
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup> Flexible 1/2x 0.75 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
Tightening Torque	Auxiliary Circuit 0.8 ... 1.2 N·m
Wire Stripping Length	Auxiliary Circuit 9 mm
Recommended Screw Driver	Auxiliary Circuit Pozidriv 2
Mounting Position	1 ... 6
Suitable For	A145 A185 AF145 AF185
Standards	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1

### Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V AC
Connecting Capacity Auxiliary Circuit UL/CSA	Flexible 1/2x 16-10 AWG Stranded 1/2x 16-10 AWG
Tightening Torque UL/CSA	Auxiliary Circuit 7 in·lb

### 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 Information	Following EU Directive 2002/95/EC August 18, 2005 and amendment

### Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
RoHS Declaration	1SAA964002-4401
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

### Certificates and Declarations

ABS Certificate	1SAA964000-0101
CB Certificate	1SAA964005-2001
cUL Certificate	cUL_E48139
Declaration of	1SAD938508-0053

## Conformity - CE

RMRS Certificate	1SAA964000-0703
UL Certificate	UL_E48139

## Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	217 mm
Package Level 1 Height	150 mm
Package Level 1 Depth / Length	203 mm
Package Level 1 Gross Weight	1.59 kg
Package Level 1 EAN	4013614395413

## External Classifications and Standards

Object Classification Code	F
ETIM 9	EC001080 - Electronic overload relay
ETIM 10	EC001080 - Electronic overload relay
eClass	V11.0 : 27371502
UNSPSC	39121520
IDEA Granular Category Code (IGCC)	5364 >> Overload relay

## Categories

Low Voltage Products and Systems → Control Products → Contactors → Electronic Overload Relays

