



PRODUCT-DETAILS

E16DU-1.0

E16DU-1.0 Electronic Overload Relay 0.30 ... 1.0 A



概要信息	
产品型号	E16DU-1.0
产品ID	1SAX111001R1102
欧洲商品编号(EAN)	4013614395239
目录说明	E16DU-1.0 Electronic Overload Relay 0.30 ... 1.0 A
详细描述	The E16DU-1.0 is an 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. Single mounting kits are available as accessory.
订货信息	
最小起订量	1 piece
海关关税号	85364900

Popular Downloads	
数据手册，技术资料	1SBC100214C0202
说明书和手册	2CDC107019M5502
说明书和手册（第2部分）	1SAC200017M0002
Time-Current Characteristic Curve	1SAX100502F0002 1SAX100508F0001
CAD Dimensional Drawing	2CDC001079B0201
尺寸图	1SAX100402F0001 1SAX100401F0001

尺寸	
产品净宽	44.4 mm
产品净高	74.6 mm
产品净深	57 mm
产品净重	0.15 kg

技术参数	
设置范围	0.30 ... 1.0 A
额定工作电压	Auxiliary Circuit 600 V AC/DC Main Circuit 690 V AC
额定工作电流 (I _e)	1 A
额定频率 (f)	Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz Auxiliary Circuit DC Main Circuit 50 Hz Main Circuit 60 Hz
额定冲击耐受电压 (U _{imp})	Auxiliary Circuit 6 kV Main Circuit 6 kV
额定绝缘电压 (U _i)	690 V
极数	3
辅助触点NC数量	1
辅助触点NO数量	1
保护极数	3
额定发热电流（自由空气） (I _{th})	Auxiliary Circuit NC 6 A Auxiliary Circuit NO 6 A
额定工作电流 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 0.72 A (500 V) NO 0.72 A
额定工作电流 DC-13 (I _e)	(125 V) NC 0.55 A (125 V) NO 0.5 A (24 V) NC 1.5 A (24 V) NO 1.5 A (250 V) NC 0.27 A (250 V) NO 0.27 A (60 V) NC 0.55 A (60 V) NO 0.55 A
防护等级	IP20
污染等级	3
辅助电路连接容量	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible 1/2x 0.75 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ²

主电路连接容量	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 0.75 ... 2.5 mm ² Flexible 1/2x 0.75 ... 2.5 mm ² Rigid 1/2x 1 ... 4 mm ²
拧紧力矩	Auxiliary Circuit 0.8 ... 1.2 N·m Main Circuit 0.8 ... 1.5 N·m
剥线长度	Auxiliary Circuit 9 mm Main Circuit 9 mm
推荐的螺丝刀	Auxiliary Circuit Pozidriv 2 Main Circuit Pozidriv 2
安装位置	1 ... 6
功率损耗	at Rated Operating Conditions per Pole 0.005 ... 0.054 W
适用于	B6 B7 BC6 BC7 A09 A12 A16 AL09 AL12 AL16 VB6 VB7 VBC6 VBC7
标准	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1

UL/CSA适用的技术参数

最高工作电压UL/CSA	Main Circuit 600 V AC
接触等级UL/CSA	B600 Q300
主电路连接容量 UL/CSA	Flexible 1/2x 16-10 AWG Stranded 1/2x 16-10 AWG
辅助电路连接容量 UL/CSA	Flexible 1/2x 16-10 AWG Stranded 1/2x 16-10 AWG
拧紧力矩UL/CSA	Auxiliary Circuit 7 in·lb Main Circuit 7 in·lb

环境条件

周围环境温度	Operation -25 ... +70 °C Operation Compensated -25 ... +70 °C Storage -50 ... +85 °C
周围环境温度补偿	是
允许的最高工作海拔	2000 m
抗机械冲击符合IEC 60068-2-27标准	11 ms Pulse 15g
耐振动符合IEC 60068-2-6 标准	5g 3 ... 150 Hz
RoHS状态	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006525

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS信息	2CMT2021-006277
WEEE B2C / B2B	Business To Business
WEEE 类别	5. Small Equipment (No External Dimension More Than 50 cm)

认证及声明（文件编码）	
CB认证	1SAA964002-2002
CQC认证	CQC2008010309289447
Declaration of Conformity - CCC	2020980309000285
符合性声明 - CE	1SAD101100-3602
Declaration of Conformity - UKCA	1SAD201100-3602
EAC认证	1SAA941003-2701
RMRS认证	1SAA964000-0703
UL认证	E48139-19990512

包装信息	
1级包装单元	box 1 piece
1级包装宽度	65 mm
1级包装高度	46 mm
1级包装长度	76.5 mm
1级包装 总重	0.17 kg
1级包装 EAN	4013614395239

分类	
对象分类代码	F
ETIM 4	EC001080 - Electronic overload relay
ETIM 5	EC001080 - Electronic overload relay
ETIM 6	EC001080 - Electronic overload relay
ETIM 7	EC001080 - Electronic overload relay
ETIM 8	EC001080 - Electronic overload relay
e级	V11.0 : 27371502
UNSPSC	39122330
IDEA 粒度分类代码 (IGCC)	5365 >> Electronic overload relay
E-Number (Finland)	3709391
E-Number (Norway)	4116946
E-Number (Sweden)	3228761

Accessories				
Identifier	Description	Type	Quantity	Unit Of Measure
1SAX101110R0001	DB16E Single Mounting Kit	DB16E	1	piece
1SFA616162R1014	KPR3-101L Reset push button	KPR-101L	1	piece

分类

低压产品及系统 → 控制产品 → 接触器 → 电子过载继电器

