

ESB25-04N-01

Información general

Tipo de producto extendido:	ESB25-04N-01
Identificación de producto:	1SAE231111R0104
EAN:	4013614517617
Descripción del catálogo:	Contactor de instalación ESB25-04N-01
Descripción larga:	Los contactores de instalación ESB25..N se utilizan para controlar cargas monofásicas y trifásicas hasta 25 A y pueden funcionar con CA o CC. Estos contactores están hechos para su uso en aplicaciones domésticas, así como en entornos industriales. Se proporcionan los siguientes beneficios: funcionamiento sin zumbidos, bajo consumo de energía y protección integrada contra sobretensiones. Hay varias combinaciones de contactos y accesorios disponibles.

Categorías

Productos » Productos y sistemas de baja tensión » Productos de control » Contactores »
Contactores de iluminación

Products » Low Voltage Products and Systems » Modular DIN Rail Products » Command and
Signalling devices » Lighting Contactors

Ordering

Package Level 1 EAN:	4013614523915
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080

Popular Downloads

Instructions and Manuals: [2CDC103043M6801](#)

Dimensions

Product Net Width:	36 mm
Product Net Height:	85 mm
Product Net Depth / Length:	65 mm
Product Net Weight:	0.245 kg

Technical

Rated Operational Voltage:	Main Circuit 220 V DC Main Circuit 400 V AC
Rated Control Circuit Voltage	24 V
(U_c):	
Rated Frequency (f):	Control Circuit 400 Hz Control Circuit 50 Hz Control Circuit 60 Hz Control Circuit DC Main Circuit 50 Hz Main Circuit 60 Hz Main Circuit DC
Rated Operational Current	(NC) 25 A
AC-1 (I_e):	
Rated Operational Current	(230 V) Single Phase, NC 6 A
AC-3 (I_e):	
Rated Operational Power AC-	(230 V) Single Phase, NC 5.8 kW
1 (P_e):	(400 V) Three Phase, NC 17.3 kW
Rated Operational Power AC-	(230 V) Single Phase, NC 0.9 kW
3 (P_e):	(400 V) Three Phase, NC 2.7 kW
Rated Operational Current	(NC) 25 A
AC-7a (I_e):	
Rated Operational Power AC-	(230 V) Single Phase, NC 5.8 kW
7a (P_e):	(400 V) Three Phase, NC 17.25 kW

Rated Operational Current AC-7b (I_e):	(400 V) Three Phase, NC 6 A
Rated Operational Power AC-7b (P_e):	(230 V) Single Phase, NC 2.7 kW (400 V) Three Phase, NC 2.7 kW
Recommended Screw Driver:	Control Circuit Pozidriv 1 Main Circuit Pozidriv 1
Rated Impulse Withstand Voltage (U_{imp}):	6 kV
Rated Insulation Voltage (U_i):	500 V
Connecting Capacity Main Circuit:	Flexible with Ferrule 1x 1.5 ... 10 mm ² Flexible with Ferrule 2x 1.5 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 1.5 ... 10 mm ² Flexible with Insulated Ferrule 2x 1.5 mm ² Flexible 1x 1.5 ... 10 mm ² Flexible 2x 1.5 ... 4 mm ² Rigid 1x 1.5 ... 10 mm ² Rigid 2x 1.5 ... 4 mm ²
Connecting Capacity Control Circuit:	Flexible with Ferrule 1x 1 ... 2.5 mm ² Flexible with Ferrule 2x 0.75 ... 1 mm ² Flexible with Insulated Ferrule 1x 1 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1 mm ² Flexible 1x 1 ... 4.0 mm ² Flexible 2x 1 ... 2.5 mm ² Rigid 1x 1 ... 4 mm ² Rigid 2x 1 ... 2.5 mm ²
Tightening Torque:	Control Circuit 0.9 N·m Main Circuit 1 N·m
Wire Stripping Length:	Control Circuit 7 mm Main Circuit 10 mm
Degree of Protection:	IP20
Mechanical Durability:	1000000 cycle
Number of Poles:	4
Number of Main Contacts NC:	4
Number of Main Contacts NO:	0
Width in Number of Modular Spacings:	2
Pollution Degree:	3
Standards:	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 61095 UL 60947-1 UL 60947-4-1

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 480 V AC
Horsepower Rating UL/CSA:	(220 ... 240 V AC) Single Phase, NC 1 Hp (220 ... 240 V AC) Three Phase, NC 3 Hp (440 ... 480 V AC) Single Phase, NC 0.5 Hp (440 ... 480 V AC) Three Phase, NC 2 Hp
Connecting Capacity Main Circuit UL/CSA:	Solid 16-8 AWG Stranded 16-8 AWG
Connecting Capacity Control Circuit UL/CSA:	Solid 16-10 AWG Stranded 16-10 AWG
Tightening Torque UL/CSA:	Control Circuit 8 in·lb Main Circuit 9 in·lb

Environmental

Ambient Air Temperature:

Operation -25 ... +55 °C

Storage -40 ... +80 °C

Maximum Operating Altitude 2000 m**Permissible:****Resistance to Shock acc. to** 11 ms Pulse 15g**IEC 60068-2-27:****RoHS Status:** Following EU Directive 2011/65/EU**Certificates and Declarations (Document Number)****ABS Certificate:** 1SAA920000-0101**CB Certificate:** 1SAA920004-2001**CQC Certificate:** CQC2017010304993564CQC2017010304993565**cULus Certificate:** cUL_E191658**Declaration of Conformity -** 2020980304001312**CCC:** 2020980304001314**Declaration of Conformity -** 1SAD938504-0302**CE:****DNV Certificate:** 1SAA920000-0306**EAC Certificate:** 1SAA920001-2702**Environmental Information:** 1SAC200063H0009**Instructions and Manuals:** 2CDC103043M6801**RINA Certificate:** 1SAA920000-0801**RMRS Certificate:** 1SAA920000-0705**RoHS Information:** 1SAD938503-0302**Container Information****Package Level 1 Units:** 1 piece**Package Level 1 Width:** 92 mm**Package Level 1 Height:** 69.5 mm**Package Level 1 Depth /** 39 mm**Length:****Package Level 1 Gross** 0.245 kg**Weight:****Package Level 1 EAN:** 4013614523915**Package Level 2 Units:** 60 piece**Package Level 2 Width:** 280 mm**Package Level 2 Height:** 210 mm**Package Level 2 Depth /** 395 mm**Length:****Package Level 2 Gross** 15.4 kg**Weight:****Package Level 2 EAN:** 4013614538315**Classifications****Object Classification Code:** Q**ETIM 5:** EC001653 - Installation contactor for distribution board**ETIM 6:** EC001653 - Installation contactor for distribution board**ETIM 7:** EC001653 - Installation contactor for distribution board**eClass:** V11.0 : 27142308**UNSPSC:** 39121529**IDEA Granular Category Code** 4759 >> Installation contactor for distribution board**(IGCC):****E-Number (Finland):** 3707572**E-Number (Sweden):** 3210562