

ESB25-22N-01

Información general

Tipo de producto extendido:	ESB25-22N-01
Identificación de producto:	1SAE231111R0122
EAN:	4013614517648
Descripción del catálogo:	Contactor de instalación ESB25-22N-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:	4013614523946
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 AC-1 (I_e):	(NC) 25 A (NO) 25 A
Rated Operational Current AC-3 (I_e):	(230 V) Single Phase, NC 6 A (230 V) Single Phase, NO 9 A
Rated Operational Power AC-1 (P_e):	(230 V) Single Phase, NC 5.8 kW (230 V) Single Phase, NO 5.8 kW
Rated Operational Power AC-3 (P_e):	(230 V) Single Phase, NC 1.3 kW (230 V) Single Phase, NO 1.3 kW
Rated Operational Current AC-7a (I_e):	(NC) 25 A (NO) 25 A
Rated Operational Power AC-7a (P_e):	(230 V) Single Phase, NC 5.8 kW (230 V) Single Phase, NO 5.8 kW

Rated Operational Current AC-7b (I_e):	(230 V) Single Phase, NC 6 A (230 V) Single Phase, NO 9 A
Rated Operational Power AC-7b (P_e):	(230 V) Single Phase, NC 0.9 kW (230 V) Single Phase, NO 1.3 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
Electrical Durability:	AC-1 (NO) 130000 cycle AC-3 (NO) 500000 cycle AC-7a (NO) 130000 cycle AC-7b (NO) 500000 cycle
Mechanical Durability:	1000000 cycle
Number of Poles:	4
Number of Main Contacts NC:	2
Number of Main Contacts NO:	2
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 Main Circuit 480 V AC
UL/CSA:

Horsepower Rating UL/CSA:	(220 ... 240 V AC) Single Phase, NC 1 Hp (220 ... 240 V AC) Single Phase, NO 1 Hp (440 ... 480 V AC) Single Phase, NC 2 Hp (440 ... 480 V AC) Single Phase, NO 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 IEC 60068-2-27: 11 ms Pulse 15g

RoHS Status: Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

ABS Certificate: [1SAA920000-0101](#)

CB Certificate: [1SAA920004-2001](#)

CQC Certificate: [CQC2017010304993564](#)
[CQC2017010304993565](#)

cULus Certificate: [cUL E191658](#)

Declaration of Conformity - CCC: [2020980304001312](#)
[2020980304001314](#)

Declaration of Conformity - CE: [1SAD938504-0302](#)

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 / Length: 39 mm

Package Level 1 Gross Weight: 0.245 kg

Package Level 1 EAN: 4013614523946

Package Level 2 Units: 60 piece

Package Level 2 Width: 280 mm

Package Level 2 Height: 210 mm

Package Level 2 Depth / Length: 395 mm

Package Level 2 Gross Weight: 15.4 kg

Package Level 2 EAN: 4013614538346

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 (IGCC): 4759 >> Installation contactor for distribution board

E-Number (Finland): 3707574

E-Number (Sweden): 3210564



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