

PRODUCT-DETAILS

ESB20-11N-06

ESB20-11N-06 Installation Contactor (NC) 20 A - 1 NO - 1 NC - 230 V - Control Circuit DC



Algemene informatie

Type	ESB20-11N-06
Artikelnummer	1SBE121111R0611
EAN	3471523007499
Omschrijving	ESB20-11N-06 Installation Contactor (NC) 20 A - 1 NO - 1 NC - 230 V - Control Circuit DC
Omschrijving	The ESB20..N installation contactors are used to control single loads up to 20 A and can be operated by AC or DC. These contactors are made for use in household applications as well as in industrial environments. The following benefits are provided: Hum-free operation, low power consumption and integrated overvoltage protection. Various contact combinations and accessories are available.

Ordering

Pakketniveau 1 EAN	3471523005389
Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85365080

Popular Downloads

Gegevensblad, technische informatie	2CDC103051C0201
Instructies en	2CDC103043M6801

handleidingen

CAD Dimensional Drawing	2CDC001079B0201
Dimensiediagram	1SBB505186D3001

Dimensions

Product netto breedte	18 mm
Product netto hoogte	85 mm
Product netto diepte	65 mm
Product netto gewicht	0.14 kg

Technical

Nominaal bedrijfsvoltage	Main Circuit 220 V DC Main Circuit 250 V AC
Nominale stuurstroomkringspanning (U_c)	230 V
Toegekende frequentie (f)	Control Circuit DC Control Circuit 50 Hz Control Circuit 60 Hz Control Circuit 400 Hz Main Circuit DC Main Circuit 50 Hz Main Circuit 60 Hz
Nominale bedrijfsstroom AC-1 (I_e)	(NC) 20 A (NO) 20 A
Nominale bedrijfsstroom AC-3 (I_e)	(230 V) Single Phase, NC 9 A (230 V) Single Phase, NO 9 A
Nominaal bedrijfsvermogen AC-1 (P_e)	(230 V) Single Phase, NC 4.6 kW (230 V) Single Phase, NO 4.6 kW
Nominale bedrijfsvermogen AC-3 (P_e)	(230 V) Single Phase, NC 1.3 kW (230 V) Single Phase, NO 1.3 kW
Nominale bedrijfsstroom AC-7a (I_e)	(NC) 20 A (NO) 20 A
Nominale bedrijfsvermogen AC-7a (P_e)	(230 V) Single Phase, NC 4.6 kW (230 V) Single Phase, NO 4.6 kW
Nominale bedrijfsstroom AC-7b (I_e)	(230 V) Single Phase, NC 9 A (230 V) Single Phase, NO 9 A
Nominale bedrijfsvermogen AC-7b (P_e)	(230 V) Single Phase, NC 1.3 kW (230 V) Single Phase, NO 1.3 kW
Aanbevolen schroevendraaier	Control Circuit Pozidriv 1 Main Circuit Pozidriv 1
Nominale impuls grensvoltage (U_{imp})	6 kV
Nominaal isolatievoltage (U_i)	400 V
Verbindingscapaciteit hoofdcircuit	Flexible with Ferrule 1x 1 ... 6 mm ² Flexible with Ferrule 2x 1 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 1 ... 6 mm ² Flexible with Insulated Ferrule 2x 1 ... 1.5 mm ² Flexible 1x 1 ... 6 mm ² Flexible 2x 1 ... 4 mm ² Rigid 1x 1 ... 10 mm ² Rigid 2x 1 ... 4 mm ²
Verbindingscapaciteit	Flexible with Ferrule 1x 1 ... 2.5 mm ²

controlecircuit	Flexible with Ferrule 2x 0.75 ... 1.5 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 ... 2.5 mm ² Flexible 2x 1 ... 1.5 mm ² Rigid 1x 0.5 ... 4 mm ² Rigid 2x 0.75 ... 2.5 mm ²
Aanhaalmoment	Control Circuit 0.9 N·m Main Circuit 1.2 N·m
Kabelstriplengte	Control Circuit 7 mm Main Circuit 10 mm
Beschermingsgraad	IP20
Elektrische duurzaamheid	AC-1 (NO) 150000 cycle AC-3 (NO) 150000 cycle AC-7a (NO) 150000 cycle AC-7b (NO) 150000 cycle
Mechanische duurzaamheid	1000000 cycle
Aantal polen	2
Aantal hulpcontacten NC	0
Aantal hulpcontacten NO	0
Aantal hoofdcontacten NC	1
Aantal hoofdcontacten NO	1
Breedte in module- eenheden	1
Verontreinigingsgraad	3
Normen	IEC/EN 60947-1 IEC/EN 60947-4-1 UL 60947-1 UL 60947-4-1 IEC/EN 61095

Technical UL/CSA

Maximale bedrijfsspanning UL/CSA	Main Circuit 240 V AC
Paardenkrachtklasse UL/CSA	(220 ... 240 V AC) Single Phase, NC 1 Hp (220 ... 240 V AC) Single Phase, NO 1 Hp
Verbindingscapaciteit hoofdcircuit UL/CSA	Solid 14-8 AWG Stranded 14-8 AWG
Verbindingscapaciteit controlecircuit UL/CSA	Solid 16-10 AWG Stranded 16-10 AWG
Aanhaalmoment UL/CSA	Control Circuit 8 in·lb Main Circuit 11 in·lb

Environmental

Omgevingsluchttempera- tuur	Operation -25 ... +55 °C Storage -40 ... +80 °C
Maximale werkhoogte toegestaan	2000 m
Schokweerstand volgens IEC 60068-2-27	11 ms Pulse 15g
RoHS-status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Certificates and Declarations (Document Number)

ABS-certificaat	1SAA920000-0101
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CB-certificaat	1SAA920007-2001
CQC-certificaat	CQC2018010304057353 CQC2018010304057344
Declaration of Conformity - CCC	2020980304001370 2020980304001371
Conformiteitsverklaring - CE	1SAD938506-0302
Declaration of Conformity - UKCA	1SAD938501-1302
DNV-certificaat	1SAA920000-0306
EAC-certificaat	1SAA920003-2701
Milieu-informatie	1SAC200062H0009
Instructies en handleidingen	2CDC103043M6801
REACH-verklaring	2CMT2021-006202
RMRS-certificaat	1SAA920000-0705
RoHS-informatie	2CMT2021-006277
UL-certificaat	E191658-19960301

Container Information

Pakketniveau 1 Units	1 stuk
Pakketniveau 1 Breedte	88 mm
Pakketniveau 1 Hoogte	71 mm
Pakketniveau 1 Lengte	20 mm
Pakketniveau 1 Brutogewicht	0.14 kg
Pakketniveau 1 EAN	3471523005389

Classifications

Object classificatiecode	Q
ETIM 5	EC001653 - Installation contactor for distribution board
ETIM 6	EC001653 - Installatiehulpschakelaar modulair
ETIM 7	EC001653 - Installation contactor for distribution board
eClass	V11.0 : 27142308
UNSPSC	39121529
IGCC (IDEA granulaire categoriecode)	4759 >> Installation contactor for distribution board
E-Number (Finland)	3707569
E-Number (Sweden)	3210558
ETIM 8	EC001653 - Installation contactor for distribution board

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
1SAE901901R1011	EH04-11N Auxiliary Contact	EH04-11N	1	piece
1SAE901901M1011	EH04-11N Auxiliary Contact	EH04-11N	1	piece
1SAE901901R1020	EH04-20N Auxiliary Contact	EH04-20N	1	piece
1SAE901901M1020	EH04-20N Auxiliary Contact	EH04-20N	1	piece

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Installatieschakelaars

Laagspanningsproducten en -systemen → Modulaire DIN rail producten → Command and Signalling Devices → Installatieschakelaars

