

PRODUCT-DETAILS

ESB25-04N-03

ESB25-04N-03 Installation Contactor (NC) 25 A - 0 NO - 4 NC - 48 V - Control Circuit 400 Hz



Algemene informatie

Type	ESB25-04N-03
Artikelnummer	1SAE231111R0304
EAN	4013614517754
Omschrijving	ESB25-04N-03 Installation Contactor (NC) 25 A - 0 NO - 4 NC - 48 V - Control Circuit 400 Hz
Omschrijving	<p>The ESB25..N installation contactors are used to control single and three-phase loads up to 25 A and can be operated by AC or DC.</p> <p>These contactors are made for use in household applications as well as in industrial environments.</p> <p>The following benefits are provided:</p> <p>Hum-free operation, low power consumption and integrated overvoltage protection.</p> <p>Various contact combinations and accessories are available.</p>

Bestelinformatie

Pakketniveau 1 EAN	4013614524059
Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85365080

Populaire downloads

Gegevensblad, technische informatie	2CDC103051C0201
Instructies en handleidingen	2CDC103043M6801
CAD Dimensional Drawing	2CDC001079B0201

Afmetingen

Product netto breedte	36 mm
Product netto hoogte	85 mm
Product netto diepte	65 mm
Product netto gewicht	0.245 kg

Technische specificaties

Nominaal bedrijfsvoltage	Main Circuit 220 V DC Main Circuit 400 V AC
Nominale stuurstroomkringspanning (U_c)	48 V
Toegekende frequentie (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
Nominale bedrijfsstroom AC-1 (I_e)	(NC) 25 A
Nominale bedrijfsstroom AC-3 (I_e)	(230 V) Single Phase, NC 6 A
Nominaal bedrijfsvermogen AC-1 (P_e)	(230 V) Single Phase, NC 5.8 kW (400 V) Three Phase, NC 17.3 kW
Nominale bedrijfsvermogen AC-3 (P_e)	(230 V) Single Phase, NC 0.9 kW (400 V) Three Phase, NC 2.7 kW
Nominale bedrijfsstroom AC-7a (I_e)	(NC) 25 A
Nominale bedrijfsvermogen AC-7a (P_e)	(230 V) Single Phase, NC 5.8 kW (400 V) Three Phase, NC 17.25 kW
Nominale bedrijfsstroom AC-7b (I_e)	(400 V) Three Phase, NC 6 A
Nominale bedrijfsvermogen AC-7b (P_e)	(230 V) Single Phase, NC 2.7 kW (400 V) Three Phase, NC 2.7 kW
Aanbevolen schroevendraaier	Control Circuit Pozidriv 1 Main Circuit Pozidriv 1
Nominale impuls grensvoltage (U_{imp})	6 kV
Nominaal isolatievoltage (U_i)	500 V
Verbindingscapaciteit hoofdcircuit	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
Verbindingscapaciteit controlecircuit	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
Aanhaalmoment	Control Circuit 0.9 N·m Main Circuit 1 N·m
Kabelstriplengte	Control Circuit 7 mm Main Circuit 10 mm
Beschermingsgraad	IP20
Elektrische duurzaamheid	AC-1 (NC) 50000 cycle AC-3 (NC) 340000 cycle AC-7a (NC) 50000 cycle AC-7b (NC) 340000 cycle
Mechanische duurzaamheid	1000000 cycle
Aantal polen	4
Aantal hulpcontacten NC	0
Aantal hulpcontacten NO	0
Aantal hoofdcontacten NC	4
Aantal hoofdcontacten NO	0
Breedte in module- eenheden	2
Verontreinigingsgraad	3
Normen	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 61095 UL 60947-1 UL 60947-4-1

Technische specificaties UL/CSA

Maximale bedrijfsspanning UL/CSA	Main Circuit 480 V AC
Paardenkrachtklasse 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
Verbindingscapaciteit hoofdcircuit UL/CSA	Solid 16-8 AWG Stranded 16-8 AWG
Verbindingscapaciteit controlecircuit UL/CSA	Solid 16-10 AWG Stranded 16-10 AWG
Aanhaalmoment UL/CSA	Control Circuit 8 in-lb Main Circuit 9 in-lb

Milieu

Omgevingsluchttempera- tuur	Werking -25 ... +55 °C Opslag -40 ... +80 °C
Maximale werkhoogte toegestaan	2000 m
Schokweerstand volgens	11 ms Pulse 15g

IEC 60068-2-27

RoHS-status

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Certificaten en verklaringen (documentnummer)

ABS-certificaat	1SAA920000-0101
CB-certificaat	1SAA920004-2001
CQC-certificaat	CQC2017010304993564 CQC2017010304993565
Declaration of Conformity - CCC	2020980304001312 2020980304001314
Conformiteitsverklaring - CE	1SAD101100-3301
Declaration of Conformity - UKCA	1SAD201100-3301
DNV-certificaat	1SAA920000-0306
EAC-certificaat	1SAA920001-2702
RINA-certificaat	1SAA920000-0801
RMRS-certificaat	1SAA920000-0705
UL-certificaat	E191658-19960301

Verpakkingsinformatie

Pakketniveau 1 Units	1 stuk
Pakketniveau 1 Breedte	92 mm
Pakketniveau 1 Hoogte	69.5 mm
Pakketniveau 1 Lengte	39 mm
Pakketniveau 1 Brutogewicht	0.245 kg
Pakketniveau 1 EAN	4013614524059
Pakketniveau 2 Units	48 stuk
Pakketniveau 2 Breedte	280 mm
Pakketniveau 2 Hoogte	210 mm
Pakketniveau 2 Lengte	395 mm
Pakketniveau 2 Brutogewicht	12.3 kg
Pakketniveau 2 EAN	4013614538452

Classificatie

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 categoricode)	4759 >> Installation contactor for distribution board
ETIM 8	EC001653 - Installatiehulpschakelaar modulair

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
GHE3201903R0001	ESB-PLK24 Sealing Cover	ESB-PLK24	1	piece
GHE3201902R0001	ESB-DIS Distance Piece	ESB-DIS	1	piece

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Installatieschakelaars

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

