

PRODUCT-DETAILS

ESB25-31N-03

ESB25-31N-03 Installation Contactor (NC) 25 A - 3 NO - 1 NC - 48 V - Control Circuit 400 Hz



genel Bilgi

Geniřletilmiř Ürün Türü	ESB25-31N-03
Ürün Kimlięi	1SAE231111R0331
EAN	4013614517808
Katalog Açıklaması	ESB25-31N-03 Installation Contactor (NC) 25 A - 3 NO - 1 NC - 48 V - Control Circuit 400 Hz

Uzun Açıklama	<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>
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Ordering

Paket Düzey 1 EAN	4013614524103
Minimum Sipariř Miktarı	1 piece
Gümrük Tarifesi numarası	85365080

Popular Downloads

Veri Sayfası, Teknik Bilgi	2CDC103051C0201
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Talimatlar ve Kılavuzlar	2CDC103043M6801
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Ürün Net Geniřliđi	36 mm
Ürün Net Yüksekliđi	85 mm
Ürün Net Derinlik / Uzunluk	65 mm
Ürün Net Ađırlıđı	0.245 kg

Technical

Nominal alıřma Gerilimi	Main Circuit 220 V DC Main Circuit 400 V AC
Rated Control Circuit Voltage (U_c)	48 V
Nominal Frekans (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 (400 V) Three 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 (400 V) Three Phase, NO 17.3 kW
Rated Operational Power AC-3 (P_e)	(230 V) Single Phase, NC 1.3 kW (230 V) Single Phase, NO 1.3 kW (400 V) Three Phase, NO 4 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 (400 V) Three Phase, NO 17.3 kW
Rated Operational Current AC-7b (I_e)	(230 V) Single Phase, NC 6 A (230 V) Single Phase, NO 9 A (400 V) Three 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 (400 V) Three Phase, NO 4 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
Sıkma Torku	Control Circuit 0.9 N·m Main Circuit 1 N·m
Wire Stripping Length	Control Circuit 7 mm Main Circuit 10 mm
Koruma Derecesi	IP20
Electrical Durability	AC-1 (NC) 50000 cycle AC-1 (NO) 130000 cycle AC-3 (NC) 340000 cycle AC-3 (NO) 500000 cycle AC-7a (NC) 50000 cycle AC-7a (NO) 130000 cycle AC-7b (NC) 340000 cycle AC-7b (NO) 500000 cycle
Mechanical Durability	1000000 cycle
Kutup Sayısı	4
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Main Contacts NC	1
Number of Main Contacts NO	3
Width in Number of Modular Spacings	2
Pollution Degree	3
Standartlar	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
Beygir Gücü Anma UL/CSA	(220 ... 240 V AC) Single Phase, NC 1 Hp (220 ... 240 V AC) Single Phase, NO 1 Hp (220 ... 240 V AC) Three Phase, NO 3 Hp (440 ... 480 V AC) Single Phase, NC 2 Hp (440 ... 480 V AC) Single Phase, NO 2 Hp (440 ... 480 V AC) Three Phase, NO 5 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

Ortam Hava Sıcaklığı	Operation -25 ... +55 °C Storage -40 ... +80 °C
İzin Verilen Maksimum Çalışma Rakımı	2000 m

IEC 60068-2-27'ye göre
Şoka Karşı Direnç

11 ms Pulse 15g

RoHS Durumu

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

Certificates and Declarations

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

Container Information

Paket Seviye 1 Birimler	1 piece
Paket Düzey 1 Genişlik	92 mm
Paket Seviye 1 Yükseklik	69.5 mm
Paket Seviye 1 Derinlik / Uzunluk	39 mm
Paket Seviye 1 Brüt Ağırlık	0.245 kg
Paket Düzey 1 EAN	4013614524103
Paket Seviye 2 Birimler	48 piece
Paket Düzey 2 Genişlik	280 mm
Paket Seviye 2 Yükseklik	210 mm
Paket Seviye 2 Derinlik / Uzunluk	395 mm
Paket Seviye 2 Brüt Ağırlık	12.3 kg
Paket Seviye 2 EAN	4013614538506

Classifications

Nesne Sınıflandırma Kodu	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
eSınıf	V11.0 : 27142308
UNSPSC	39121529
IDEA Granüler Kategori Kodu (IGCC)	4759 >> Installation contactor for distribution board
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
GHE3201903R0001	ESB-PLK24 Sealing Cover	ESB-PLK24	1	piece
GHE3201902R0001	ESB-DIS Distance Piece	ESB-DIS	1	piece

katagori

Low Voltage Products and Systems → Control Products → Contactors → Installation Contactors

Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling Devices → Installation Contactors

