

PRODUCT-DETAILS

ESB40-40N-05

ESB40-40N-05 Installation Contactor (NO) 40 A - 4 NO - 0 NC - 240 V - Control Circuit 400 Hz



Informações gerais

Tipo de produto alargado	ESB40-40N-05
ID do produto	1SAE341111M0540
Descrição do catálogo	ESB40-40N-05 Installation Contactor (NO) 40 A - 4 NO - 0 NC - 240 V - Control Circuit 400 Hz
Descrição longa	<p>The ESB40..N installation contactors are used to control single and three-phase loads up to 40 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: Hum-free operation, low power consumption and integrated overvoltage protection.</p> <p><u>Various contact combinations and accessories are available.</u></p>

Ordering

Nível de Embalagem 1 EAN	4013614520211
Quantidade Mínima de Encomenda	4 piece
Número de tarifa aduaneira	85365080

Popular Downloads

Ficha de dados, informação técnica	2CDC103051C0201
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Instruções e Manuais	2CDC103043M6801
CAD Dimensional	2CDC001079B0201
Drawing	

Dimensions

Largura Líquida do Produto	54 mm
Altura Líquida do Produto	85 mm
Profundidade/Comprimento Líquidos do Produto	65 mm
Peso Líquido do Produto	0.405 kg

Technical

Tensão operacional nominal	Main Circuit 220 V DC Main Circuit 400 V AC
Rated Control Circuit Voltage (U_c)	240 V
Frequência nominal (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)	(NO) 40 A
Rated Operational Current AC-3 (I_e)	(230 V) Single Phase, NO 22 A (400 V) Three Phase, NO 22 A
Rated Operational Power AC-1 (P_e)	(230 V) Single Phase, NO 9.2 kW (400 V) Three Phase, NO 27.7 kW
Rated Operational Power AC-3 (P_e)	(230 V) Single Phase, NO 3.7 kW (400 V) Three Phase, NO 11 kW
Rated Operational Current AC-7a (I_e)	(NO) 40 A
Rated Operational Power AC-7a (P_e)	(230 V) Single Phase, NO 9.2 kW (400 V) Three Phase, NO 27.7 kW
Rated Operational Current AC-7b (I_e)	(230 V) Single Phase, NO 22 A (400 V) Three Phase, NO 22 A
Rated Operational Power AC-7b (P_e)	(230 V) Single Phase, NO 3.7 kW (400 V) Three Phase, NO 11 kW
Recommended Screw Driver	Control Circuit Pozidriv 1 Main Circuit Pozidriv 2
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 ... 16 mm ² Flexible with Ferrule 2x 1.5 ... 10 mm ² Flexible with Insulated Ferrule 1x 1.5 ... 16 mm ² Flexible with Insulated Ferrule 2x 1.5 ... 10 mm ² Flexible 1x 1.5 ... 16 mm ² Flexible 2x 1.5 ... 10 mm ² Rigid 1x 1.5 ... 25 mm ² Rigid 2x 1.5 ... 10 mm ²
Connecting Capacity Control Circuit	Flexible with Ferrule 1x 0.75 ... 2.5 mm ² Flexible with Ferrule 2x 0.75 ... 1.5 mm ² Flexible with Insulated Ferrule 1x 0.75 ... 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
Binário de aperto	Control Circuit 0.9 N·m Main Circuit 2.5 N·m

Wire Stripping Length	Control Circuit 7 mm Main Circuit 13 mm
Grau de proteção	IP20
Electrical Durability	AC-1 (NO) 150000 cycle AC-3 (NO) 100000 cycle AC-7a (NO) 150000 cycle AC-7b (NO) 100000 cycle
Mechanical Durability	1000000 cycle
Número de polos	4
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Main Contacts NC	0
Number of Main Contacts NO	4
Width in Number of Modular Spacings	3
Pollution Degree	3
Normas	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
Classificação de potência UL/CSA	(220 ... 240 V AC) Single Phase, NO 3 Hp (220 ... 240 V AC) Three Phase, NO 7.5 Hp (440 ... 480 V AC) Single Phase, NO 7.5 Hp (440 ... 480 V AC) Three Phase, NO 15 Hp
Connecting Capacity Main Circuit UL/CSA	Solid 16-4 AWG Stranded 16-4 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 20 in-lb

Environmental

Temperatura do ar ambiente	Operation -25 ... +55 °C Storage -40 ... +80 °C
Altitude de operação máxima permissível	2000 m
Resistência ao Choque de acordo com IEC 60068-2- 27	11 ms Pulse 15g

Estado RoHS [Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019](#)

Certificates and Declarations

Certificado ABS	1SAA920000-0101
CB Certificate	1SAA920005-2001
CQC Certificate	CQC2017010304993562 CQC2017010304993563
Declaration of Conformity - CCC	2020980304001310 2020980304001313
Declaração de conformidade -CE	1SAD101100-3301
Declaration of Conformity - UKCA	1SAD201100-3301

Certificado DNV	1SAA920000-0306
EAC Certificate	1SAA920001-2702
NF Certificate	1SAA920001-1202
Certificado RINA	1SAA920000-0801
Certificado RMRS	1SAA920000-0705
Certificado UL	E191658-19960301

Container Information

Unidades de embalagem Nível 1	4 piece
Largura da embalagem Nível 1	88 mm
Altura da embalagem Nível 1	69.5 mm
Profundidade/Comprimento da embalagem Nível 1	222 mm
Peso bruto da embalagem Nível 1	1.62 kg
Nível de Embalagem 1 EAN	4013614520211
Nível de Embalagem 2 EAN	4013614567599

Classifications

Código de classificação do objeto	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
Código de Categoria Granular IDEA (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
GHE3401903R0001	ESB-PLK40/63 Sealing Cover	ESB-PLK40/63	1	piece
GHE3201902R0001	ESB-DIS Distance Piece	ESB-DIS	1	piece

Categorias

Produtos e Sistemas de Baixa Tensão → Produtos modulares para trilho DIN → Command and Signalling Devices → Contatores Modulares

Produtos e Sistemas de Baixa Tensão → Produtos para controle → Contatores → Contatores Modulares

