

PRODUCT-DETAILS

ESB25-31N-06

ESB25-31N-06 Contactor (NC) 25 A - 3 NO - 1
NC - 230 ... 240 V - Control Circuit 400 Hz



Información General

| | |
|----------------------------|---|
| Tipo de producto extendido | ESB25-31N-06 |
| Código de producto | 1SAE231111R0631 |
| EAN | 4013614517945 |
| Descripción corta | ESB25-31N-06 Contactor (NC) 25 A - 3 NO - 1 NC - 230 ... 240 V - Control Circuit 400 Hz |
| Descripción larga | <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> |

Clasificación

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|---------------------------|---------------|
| Embalaje Nivel 1 EAN | 4013614524240 |
| Cantidad mínima de pedido | 1 piece |
| Código arancelario | 85365080 |

Descargas Populares

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|------------------------------------|-----------------|
| Ficha técnica, información técnica | 2CDC103051C0201 |
| Instrucciones y | 2CDC103043M6801 |

manuales

Dibujo dimensional CAD

2CDC001079B0201

Dimensiones

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| Ancho del product | 36 mm |
| Alto del producto | 85 mm |
| Largo del product | 65 mm |
| Peso del product | 0.235 kg |

Technical

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| Tensión nominal de operación | Main Circuit 220 V DC Main Circuit 400 V AC |
| Tensión nominal del circuito de control (U _c) | 230 ... 240 V |
| Frecuencia 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 |
| Corriente nominal de funcionamiento AC-1 (I _e) | (NC) 25 A (NO) 25 A |
| Corriente nominal de funcionamiento 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 |
| Potencia operativa nominal 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 |
| Potencia operativa nominal 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 |
| Corriente nominal de funcionamiento AC-7a (I _e) | (NC) 25 A (NO) 25 A |
| Potencia operativa nominal 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 |
| Corriente nominal de funcionamiento 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 |
| Potencia operativa nominal 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 |
| Destornillador recomendado | Control Circuit Pozidriv 1 Main Circuit Pozidriv 1 |
| Tensión nominal soportada por impulsos (U _{imp}) | 6 kV |
| Tensión nominal de aislamiento (U _i) | 500 V |
| Capacidad de conexión del circuito principal | 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 |
| Conexión del circuito de control de capacidad | 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 |

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|---|---|
| | 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 |
| Par de apriete | Control Circuit 0.9 N·m Main Circuit 1 N·m |
| Longitud de pelado del cable | Control Circuit 7 mm Main Circuit 10 mm |
| Grado de protección | IP20 |
| Durabilidad eléctrica | 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 |
| Durabilidad mecánica | 1000000 cycle |
| Número de polos | 4 |
| Número de contactos auxiliares NC | 0 |
| Número de contactos auxiliares NO | 0 |
| Número de contactos principales NC | 1 |
| Número de contactos principales NO | 3 |
| Anchura en número de espacios modulares | 2 |
| Grado de contaminación | 3 |
| Normas | IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 61095 UL 60947-1 UL 60947-4-1 |

Technical UL/CSA

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| Tensión máxima de funcionamiento UL/CSA | Main Circuit 480 V AC |
| Potencia nominal 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 |
| Capacidad de conexión del circuito principal UL/CSA | Solid 16-8 AWG Stranded 16-8 AWG |
| Circuito de control de la capacidad de conexión UL/CSA | Solid 16-10 AWG Stranded 16-10 AWG |
| Par de apriete UL/CSA | Control Circuit 8 in·lb Main Circuit 9 in·lb |

Ambiente

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| Temperatura ambiente | Funcionamiento -25 ... +55 °C Almacenamiento -40 ... +80 °C |
| Altitud máxima de funcionamiento permisible | 2000 m |
| Resistencia a los golpes | 11 ms Pulse 15g |

según IEC 60068-2-27

Estado de RoHS

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

Certificados y Declaraciones (Número de Documento)

| | |
|-----------------------------------|--|
| Certificado ABS | 1SAA920000-0101 |
| Certificado CB | 1SAA920004-2001 |
| Certificado CQC | CQC2017010304993564 CQC2017010304993565 |
| Declaración de conformidad - CCC | 2020980304001312 2020980304001314 |
| Declaración de conformidad - CE | 1SAD101100-3301 |
| Declaración de conformidad - UKCA | 1SAD201100-3301 |
| Certificado DNV | 1SAA920000-0306 |
| Certificado EAC | 1SAA920001-2702 |
| Certificado RINA | 1SAA920000-0801 |
| Certificado RMRS | 1SAA920000-0705 |
| Certificado UL | E191658-19960301 |

Información de Embalaje

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|---------------------------|---------------|
| Embalaje Nivel 1 Unidades | 1 piece |
| Embalaje Nivel 1 Ancho | 92 mm |
| Embalaje Nivel 1 Alto | 69.5 mm |
| Embalaje Nivel 1 Largo | 39 mm |
| Embalaje Nivel 1 Peso | 0.235 kg |
| Embalaje Nivel 1 EAN | 4013614524240 |
| Embalaje Nivel 2 Unidades | 48 piece |
| Embalaje Nivel 2 Ancho | 280 mm |
| Embalaje Nivel 2 Alto | 210 mm |
| Embalaje Nivel 2 Largo | 395 mm |
| Embalaje Nivel 2 Peso | 11.8 kg |
| Nivel de paquete 2 EAN | 4013614538643 |

Clasificaciones

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| Código de clasificación de objetos | 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 |
| Clase electrónica | V11.0 : 27142308 |
| UNSPSC | 39121529 |
| Código de categoría granular de IDEA (IGCC) | 4759 >> Installation contactor for distribution board |
| Número E (Finlandia) | 3707577 |
| Número E (Suecia) | 3210567 |
| ETIM 8 | EC001653 - Installation contactor for distribution board |

Accessories

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

Categorias

Productos y sistemas de baja tensión → Aparatos de control → Contactores → Contactores de instalación

Productos y sistemas de baja tensión → Aparatos modulares de instalación → Command and Signalling Devices → Contactores de instalación

