

PRODUCT-DETAILS

UA75-30-00RA 200V 50Hz / 200-220V 60Hz UA75-30-00RA 200V 50Hz / 200-220V 60Hz Contactor



Información General

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|----------------------------|--|
| Tipo de producto extendido | UA75-30-00RA 200V 50Hz / 200-220V 60Hz |
| Código de producto | 1SBL411024R7500 |
| EAN | 3471522305756 |
| Descripción corta | UA75-30-00RA 200V 50Hz / 200-220V 60Hz Contactor |

Descripción larga

UA75..RA 3-pole contactors for capacitor switching, can be used in installations in which the peak current far exceeds 100 times nominal rms current. The contactors are delivered complete with their damping resistors and must be used without additional inductances (see table below). The capacitors must be discharged (maximum residual voltage at terminals ≤ 50 V) before being re-energized when the contactors are making. Their electrical durability is 250 000 operating cycles for $U_e < 500$ V and 100 000 operating cycles for $500 \text{ V} \leq U_e \leq 690$ V. The UA..RA contactors are fitted with a special front mounted block, which ensures the serial insertion of 3 damping resistors into the circuit to limit the current peak on energization of the capacitor bank. Their connection also ensures capacitor precharging in order to limit the second current peak occurring upon making of the main poles. The insertion of resistors allows to damp the highest current peak of the capacitor when switching on, whatever its level. The UA..RA series 3-pole contactors are of the block type design. - Main poles: 3 main poles - Control circuit: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.

Clasificación

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|---------------------------|----------|
| Cantidad mínima de pedido | 1 piece |
| Código arancelario | 85364900 |

Descargas Populares

| | |
|------------------------------------|-----------------|
| Ficha técnica, información técnica | 1SBC101140C0203 |
| Instrucciones y manuales | 1SBC101002M5501 |
| Dimension Diagram | FPTE307844 |

Dimensiones

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|-------------------|----------|
| Ancho del product | 70 mm |
| Largo del product | 140.4 mm |
| Alto del producto | 150 mm |
| Peso del product | 1.35 kg |

Technical

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| Number of Main Contacts NO | 3 |
| Number of Main Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 0 |
| Number of Auxiliary Contacts NC | 0 |
| Rated Operational Voltage | Main Circuit 690 V |
| Rated Operational Power AC-6b (P_e) | (230 / 240 V) 40 °C, 50 / 60 Hz 35 kvar (230 / 240 V) 55 °C, 50 / 60 Hz 30 kvar (230 / 240 V) 70 °C, 50 / 60 Hz 25 kvar (400 / 415 V) 40 °C, 50 / 60 Hz 60 kvar (400 / 415 V) 70 °C, 50 / 60 Hz 41 kvar (400 / 415 V) 55 °C, 50 / 60 Hz 50 kvar (440 V) 40 °C, 50 / 60 Hz 65 kvar (440 V) 55 °C, 50 / 60 Hz 53 kvar (440 V) 70 °C, 50 / 60 Hz 45 kvar (500 / 550 V), 40 °C, 50 / 60 Hz 75 kvar (500 / 550 V) 55 °C, 50 / 60 Hz 65 kvar (500 / 550 V) 70 °C, 50 / 60 Hz 55 kvar (690 V) 40 °C, 50 / 60 Hz 100 kvar (690 V) 55 °C, 50 / 60 Hz 80 kvar (690 V) 70 °C, 50 / 60 Hz 70 kvar |
| Short-Circuit Protective Devices | gG Type Fuses 200 A |
| Maximum Breaking Capacity | cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 440 V 1300 A cos phi=0.45 (cos phi=0.35 for $I_e > 100$ A) at 690 V 630 A |
| Maximum Electrical Switching Frequency | 240 cycles per hour |
| Rated Insulation Voltage (U_i) | acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V acc. to UL/CSA 600 V |
| Rated Impulse Withstand Voltage (U_{imp}) | 8 kV |
| Rated Control Circuit Voltage (U_c) | 50 Hz 200 V 60 Hz 200 ... 220 V |
| Coil Consumption | Average Holding Value 50 Hz 18 V·A Average Holding Value 60 Hz 18 V·A Average Pull-in Value 50 Hz 180 V·A Average Pull-in Value 60 Hz 210 V·A |

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| Operate Time | Between Coil De-energization and NO Contact Opening 4 ... 11 ms Between Coil Energization and NO Contact Closing 8 ... 27 ms |
| Mounting on DIN Rail | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH75-25 (75 x 25 mm Mounting Rail) acc. to IEC 60715 |
| Mounting by Screws (not supplied) | 2 x M6 screws placed diagonally |
| Connecting Capacity Main Circuit | Flexible with Cable End 6 ... 10 mm ² Rigid Cable 6 ... 16 mm ² |
| Connecting Capacity Auxiliary Circuit | Flexible with Cable End 0.75 ... 2.5 mm ² Rigid Cable 1 ... 4 mm ² |
| Grado de protección | acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10 |
| Connecting Terminals (delivered in open position) Main Poles | M 6 (+,-) pozidriv 2 screws with 1x (13 x 10 mm) connector |
| Terminal Type | Screw Terminals |

Ambiente

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| Temperatura ambiente | Close to Contactor for Storage -60 ... +80 °C Near Contactor for Operation in Free Air (0.85 ... 1.1 Uc) -40 ... 55 °C Near Contactor for Operation in Free Air (Uc) -40 ... 70 °C |
| Climatic Withstand | acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II |
| Maximum Operating Altitude Permissible | Without Derating 3000 m |
| RoHS Status | Following EU Directive 2011/65/EU |

Certificados y Declaraciones (Número de Documento)

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|---------------------------------|---|
| CB Certificate | CB_CN45331 |
| CQC Certificate | CQC2018010304128277 CQC2018010304128276 CQC2008010304290409 |
| CSA Certificate | CSA_1033838_LR056745 |
| Declaration of Conformity - CCC | 2020980304001620 2020980304001623 2020980304001215 |
| Declaración de conformidad - CE | 1SBD250805U1000 |
| Environmental Information | 1SBD250124E1000 |
| GOST Certificate | GOST_POCCFRME77B07175 |
| Instrucciones y manuales | 1SBC101002M5501 |
| RoHS Information | 1SBD250805U1000 |
| UL Certificate | UL_20120830-E312527-10-1 |
| UL Listing Card | UL_E312527 |

Información de Embalaje

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|---------------------------|-------------|
| Embalaje Nivel 1 Unidades | box 1 piece |
| Embalaje Nivel 1 Ancho | 160 mm |
| Embalaje Nivel 1 Largo | 200 mm |
| Embalaje Nivel 1 Alto | 85 mm |

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|--------------------------------|---------------|
| Embalaje Nivel 1 Peso | 1.35 kg |
| Embalaje Nivel 1 EAN | 3471522305756 |
| Package Level 2 Units | box 63 piece |
| Package Level 2 Width | 245 mm |
| Package Level 2 Depth / Length | 75 mm |
| Package Level 2 Height | 153 mm |
| Package Level 2 Gross Weight | 85.05 kg |

Clasificaciones

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|----------------------------|---------------------------------------|
| Object Classification Code | Q |
| ETIM 4 | EC001079 - Capacitor magnet contactor |
| ETIM 5 | EC001079 - Capacitor magnet contactor |
| ETIM 6 | EC001079 - Capacitor contactor |
| ETIM 7 | EC001079 - Capacitor contactor |
| eClass | V11.0 : 27371006 |
| UNSPSC | 39121529 |

Categorías

Productos y sistemas de baja tensión → Aparatos de control → Contactores → Contactores → UA and UA..RA Contactors

