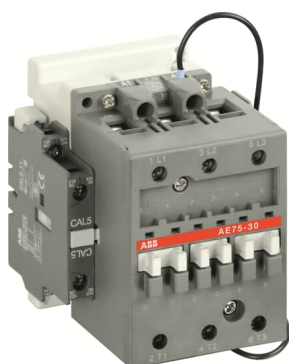


PRODUCT-DETAILS

AE75-30-00RT 24V DC

AE75-30-00RT 24V DC Contactor



General Information

| | |
|-----------------------|---|
| Extended Product Type | AE75-30-00RT 24V DC |
| Product ID | 1SBL419010R8100 |
| EAN | 3471522244413 |
| Catalog Description | AE75-30-00RT 24V DC Contactor |
| Long Description | <p>AE75 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC / 1000 V AC or 220 V DC. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting. The AE..RT contactors are the Ring Tongue terminal version of the AE... range. The AE... series 1-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, front and side-mounted add-on auxiliary contact blocks - Control circuit: DC operated with standard double-winding DC coils (with add-on factory-mounted lagging contact for insertion of the "holding" winding) - Accessories: a wide range of accessories is available.</p> |

Ordering

| | |
|------------------------|----------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85364900 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SBC101018D0202 |
| Instructions and Manuals | FPTC407767P0002 |

Dimensions

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|----------------------------|--------|
| Product Net Width | 82 mm |
| Product Net Depth / Length | 108 mm |
| Product Net Height | 110 mm |
| Product Net Weight | 1.2 kg |

Technical

| | |
|--|---|
| Number of Main Contacts NO | 3 |
| Number of Main Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 0 |
| Number of Auxiliary Contacts NC | 0 |
| Conventional Free-air Thermal Current (I_{th}) | acc. to IEC 60947-4-1, Open Contactors $q = 40$ °C 125 A |
| Rated Operational Current AC-1 (I_e) | (690 V) 40 °C 125 (690 V) 55 °C 105 (690 V) 70 °C 85 |
| Rated Operational Current AC-3 (I_e) | (415 V) 55 °C 72 A (440 V) 55 °C 70 A (500 V) 55 °C 65 A (690 V) 55 °C 46 A (1000 V) 55 °C 28 A (380 / 400 V) 55 °C 75 A (220 / 230 / 240 V) 55 °C 75 |
| Rated Operational Power AC-3 (P_e) | (415 V) 40 kW (440 V) 40 kW (500 V) 45 kW (690 V) 40 kW (380 / 400 V) 37 kW (220 / 230 / 240 V) 22 kW |
| Rated Making Capacity AC-3 acc. to IEC 60947-4-1 | 10 x I_e AC-3 |
| 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 | (AC-1) 300 cycles per hour (AC-2 / AC-4) 150 cycles per hour (AC-3) 300 cycles per hour |
| Mechanical Durability | 5 million |
| Maximum Mechanical Switching Frequency | 3600 cycles per hour |
| Rated Control Circuit Voltage (U_c) | DC Operation 24 V |
| Coil Consumption | Average Holding Value, from Warm State 4 W Average Pull-in Value, from Cold State 200 W Pull-in at Max. Rated Control Circuit Voltage DC 200 W |
| Terminal Type | Ring-Tongue Terminals |

Environmental

| | |
|--|--|
| Ambient Air Temperature | Close to Contactor Fitted with Thermal O/L Relay -25 ... +55 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 U_c) -40 ... +55 °C Close to Contactor without Thermal O/L Relay (U_c) -40 ... +70 °C Close to Contactor for Storage -60 ... +80 °C |
| Resistance to Shock acc. to IEC 60068-2-27 | Closed, Shock Direction: B1 10 K40 Open, Shock Direction: B1 5 K40 Shock Direction: A 20 K40 Shock Direction: B2 15 K40 |

Shock Direction: C1 20 K40

Shock Direction: C2 20 K40

RoHS Status

Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

| | |
|---------------------------------|-----------------------|
| ASEFA Certificate | ASEFA_03101 |
| CB Certificate | CB_FR_701506-A1 |
| CQC Certificate | CQC2018010304129269 |
| CSA Certificate | CSA_1033838_LR056745 |
| Declaration of Conformity - CCC | 2020980304001621 |
| Declaration of Conformity - CE | 1SBD250806U1000 |
| Environmental Information | 1SBD250019E1003 |
| GOST Certificate | GOST_POCCFRME77B07175 |
| Instructions and Manuals | FPTC407767P0002 |
| LR Certificate | LRS_9830011 |
| RINA Certificate | RINA_ELE1007979 |
| RoHS Information | 1SBD250806U1000 |
| UL Certificate | UL_071301E39231 |

Container Information

| | |
|--------------------------------|---------------|
| Package Level 1 Units | 1 piece |
| Package Level 1 Width | 140 mm |
| Package Level 1 Depth / Length | 146 mm |
| Package Level 1 Height | 96 mm |
| Package Level 1 Gross Weight | 1.2 kg |
| Package Level 1 EAN | 3471522244413 |
| Package Level 2 Units | box 20 piece |
| Package Level 2 Gross Weight | 24 kg |

Classifications

| | |
|----------------------------|---|
| Object Classification Code | Q |
| ETIM 4 | EC000066 - Magnet contactor, AC-switching |
| ETIM 5 | EC000066 - Magnet contactor, AC-switching |
| ETIM 6 | EC000066 - Power contactor, AC switching |
| ETIM 7 | EC000066 - Power contactor, AC switching |
| eClass | V11.0 : 27371018 |
| UNSPSC | 39121529 |

Categories

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

