

PRODUCT-DETAILS

A16-30-10 264 V 60HZ CTC2000007R0003

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Contactor



General Information

Extended Product Type	A16-30-10 264 V 60HZ CTC2000007R0003
Product ID	1SBL181001R9002
EAN	3471522255921
Catalog Description	A16-30-10 264 V 60HZ CTC2000007R0003 Contactor
Long Description	A16-30-10 264 V 60HZ CTC2000007R0003 Contactor

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Dimensions

Product Net Width	44 mm
Product Net Depth / Length	74 mm
Product Net Height	74 mm
Product Net Weight	0.34 kg

Technical

Number of Main Contacts NO	3
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Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Auxiliary Contacts NC	0
Rated Operational Voltage	Main Circuit 690 V
Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-4-1, Open Contactors $q = 40\text{ }^{\circ}\text{C}$ 30 A acc. to IEC 60947-5-1, $q = 40\text{ }^{\circ}\text{C}$ 16 A
Rated Operational Current AC-1 (I_e)	(690 V) $40\text{ }^{\circ}\text{C}$ 30 (690 V) $55\text{ }^{\circ}\text{C}$ 27 (690 V) $70\text{ }^{\circ}\text{C}$ 23
Rated Operational Current AC-3 (I_e)	(415 V) $55\text{ }^{\circ}\text{C}$ 17 A (440 V) $55\text{ }^{\circ}\text{C}$ 16 A (500 V) $55\text{ }^{\circ}\text{C}$ 14 A (690 V) $55\text{ }^{\circ}\text{C}$ 10 A (380 / 400 V) $55\text{ }^{\circ}\text{C}$ 17 A (220 / 230 / 240 V) $55\text{ }^{\circ}\text{C}$ 17
Rated Operational Power AC-3 (P_e)	(415 V) 9 kW (440 V) 9 kW (500 V) 9 kW (690 V) 9 kW (380 / 400 V) 7.5 kW (220 / 230 / 240 V) 4 kW
Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1	8 x I_e AC-3
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 $I_e > 100\text{ A}$) at 440 V 250 A $\cos\phi=0.45$ ($\cos\phi=0.35$ for $I_e > 100\text{ A}$) at 690 V 90 A
Maximum Electrical Switching Frequency	(AC-1) 600 cycles per hour (AC-2 / AC-4) 300 cycles per hour (AC-3) 1200 cycles per hour
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Maximum Mechanical Switching Frequency	3600 cycles per hour
Rated Control Circuit Voltage (U_c)	60 Hz 264 V
Connecting Capacity Main Circuit	Flexible with Cable End 0.75 ... 2.5 mm ² Rigid Cable 1 ... 4 mm ²
Connecting Capacity Auxiliary Circuit	Flexible with Cable End 0.75 ... 2.5 mm ² Rigid Cable 1 ... 4 mm ²
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
Connecting Terminals (delivered in open position) Main Poles	M 3.5 (+,-) pozidriv 2 screws with cable clamp
Terminal Type	Screw Terminals

Technical UL/CSA

General Use Rating UL/CSA	(600 V AC) 30 A
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Environmental

Ambient Air Temperature	Close to Contactor for Storage $-60\text{ }^{\circ}\text{C}$... $+80\text{ }^{\circ}\text{C}$
Maximum Operating	Without Derating 3000 m

Altitude Permissible

RoHS Status

Following EU Directive 2011/65/EU

Certificates and Declarations (Document Number)

CQC Certificate	CQC2013010304615753 CQC2018010304059156 CQC2004010309130463
CSA Certificate	CSA_1041746
Declaration of Conformity - CCC	2020980304001607 2020980304001616 2020980304001229
Declaration of Conformity - CE	1SBD250801U1000
EAC Certificate	EAC_RU C-FR ME77 B03599
RoHS Information	1SBD250801U1000

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	78 mm
Package Level 1 Depth / Length	76 mm
Package Level 1 Height	47 mm
Package Level 1 Gross Weight	0.34 kg
Package Level 1 EAN	3471522255921
Package Level 2 Units	box 63 piece
Package Level 2 Width	300 mm
Package Level 2 Depth / Length	245 mm
Package Level 2 Height	308 mm
Package Level 2 Gross Weight	21.42 kg
Package Level 3 Units	1220 piece

Classifications

Object Classification Code	Q
ETIM 6	EC000066 - Power contactor, AC switching
ETIM 7	EC000066 - Power contactor, AC switching
eClass	V11.0 : 27371003

Categories

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

