



PRODUCT-DETAILS

A63-30-00RT 24V50/60Hz
A63-30-00RT 24V50/60Hz Contactor



General Information

Extended Product Type	A63-30-00RT 24V50/60Hz
Product ID	1SBL371010R8100
EAN	3471522243812
Catalog Description	A63-30-00RT 24V50/60Hz Contactor
Long Description	A63 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 A... 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: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical	1SBC101015D0203
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Information

Instructions and Manuals

FPTC407767P0002

Dimensions

Product Net Width	70 mm
Product Net Depth / Length	108 mm
Product Net Height	110 mm
Product Net Weight	1.16 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
Number of Poles	3P
Rated Operational Voltage	Main Circuit 1000 V
Rated Frequency (f)	Control Circuit 50 / 60 Hz
Rated Operational Current AC-1 (I _e)	(690 V) 40 °C 115 A (690 V) 55 °C 95 A (690 V) 70 °C 80 A
Rated Operational Current AC-3 (I _e)	(415 V) 55 °C 65 A (440 V) 55 °C 65 A (500 V) 55 °C 55 A (690 V) 55 °C 43 A (1000 V) 55 °C 25 A (380 / 400 V) 55 °C 65 A (220 / 230 / 240 V) 55 °C 65
Rated Operational Power AC-3 (P _e)	(415 V) 37 kW (440 V) 37 kW (500 V) 37 kW (690 V) 37 kW (1000 V) 33 kW (380 / 400 V) 30 kW (220 / 230 / 240 V) 18.5 kW
Rated Short-time Withstand Current Low Voltage (I _{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 650 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 135 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 250 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1000 A at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 370 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
Rated Insulation Voltage (U _i)	acc. to IEC 60947-4-1 690 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Control Circuit Voltage (U _c)	50 Hz 24 V 60 Hz 24 V
Power Loss	at Rated Operating Conditions AC-1 per Pole 6 W at Rated Operating Conditions AC-3 per Pole 1.5 W
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
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP10 acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
Terminal Type	Ring-Tongue Terminals
Product Name	Block Contactor

Technical UL/CSA	
General Use Rating UL/CSA	(600 V AC) 90 A
Horsepower Rating UL/CSA	(200 ... 208 V AC) Three Phase 20 hp (220 ... 240 V AC) Three Phase 25 hp (440 ... 480 V AC) Three Phase 60 hp (550 ... 600 V AC) Three Phase 75 hp

Environmental	
Ambient Air Temperature	Close to Contactor for Storage -60 ... +80 °C
Maximum Operating Altitude Permissible	Without Derating 3000 m

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	2CMT2023-006525
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations	
CB Certificate	CB_FR_596544
CQC Certificate	CQC2018010304129267 CQC2008010309289461
Declaration of Conformity - CCC	2020980304001622 2020980304001226
Declaration of Conformity - CE	1SBD250810U1000
Declaration of Conformity - UKCA	1SBD250827U1000
EAC Certificate	EAC_RU C-FR ME77 B03599

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	1.16 kg
Package Level 1 EAN	3471522243812

Classifications	
Object Classification Code	Q
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching
ETIM 9	EC000066 - Power contactor, AC switching
eClass	V11.0 : 27371003

UNSPSC	39121529
IDEA Granular Category Code (IGCC)	4756 >> Capacitor magnet contactor

Categories

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

