Automatización Eléctrica

Especialistas en Automatización

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EK150-40-11 220-230V 50Hz

General Information

Extended Product Type:	EK150-40-11 220-230V 50Hz
Product ID:	SK824441-AL
EAN:	7320500094068
Catalog Description:	EK150-40-11 220-230V 50Hz Contactor
Long Description:	A 4-pole Contactor suitable for Distribution and Rail way applications AC and DC switching. Operated with control voltage, versions from 24….690 AC, 50/60 Hz and 24-220 V DC

Categories

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

Ordering

EAN:	7320500094068
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Dimensions

Product Net Width:	200 mm
Product Net Depth:	200 mm
Product Net Height:	175 mm
Product Net Weight:	4.3 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	240 mm
Package Level 1 Length:	240 mm
Package Level 1 Height:	190 mm
Package Level 1 Gross Weight:	7 kg

Technical

Number of Main Contacts NO:	4
Number of Main Contacts NC:	0
Number of Auxiliary Contacts NO:	1
Number of Auxiliary Contacts NC:	1
Rated Operational Voltage:	Main Circuit 1000 V
Conventional Free-air Thermal Current (I_{th}):	acc. to IEC 60947-4-1, Open Contactors q = 40 °C 250 A
Rated Operational Current AC-1 (I_e):	(690 V) 55 °C 230 A (690 V) 40 °C 250 A (690 V) 70 °C 200 A
Rated Operational Current AC-3 (I_e):	(1000 V) 55 °C 80 A (690 V) 55 °C 120 A (220 / 230 / 240 V) 55 °C 145 A (440 V) 55 °C Q55C415V:145 A (440 V) 55 °C 145 A (380 / 400 V) 55 °C 145 A (500 V) 55 °C 145 A
Rated Operational Power AC-3 (P_e):	(500 V) 90 kW (1000 V) 110 kW (220 / 230 / 240 V) 45 kW (690 V) 110 kW (380 / 400 V) 75 kW (440 V) 75 kW (415 V) 75 kW
Rated Breaking Capacity AC-3 acc. to IEC 60947-4-1:	8 x Ie AC-3
Rated Making Capacity AC-3 acc. to IEC 60947-4-1:	10 x Ie AC-3
Short-Circuit Protective Devices:	gG Type Fuses 250 A
Rated Short-time Withstand Current (I_{cw}):	at 40 °C Ambient Temp, in Free Air, from a Cold State 30 s 700 A at 40 °C Ambient Temp, in Free Air, from a Cold State 15 min 250 A at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 1200 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 s 1800 A at 40 °C Ambient Temp, in Free Air, from a Cold State 1 min 550 A
Maximum Electrical Switching Frequency:	AC-3 300 cycles per hour AC-1 300 cycles per hour

	AC-2 / AC-4 150 cycles per hour
Rated Insulation Voltage (U_i):	acc. to UL/CSA 600 V acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 1000 V
Rated Impulse Withstand Voltage (U_{imp}):	8 kV
Mechanical Durability:	10 million
Maximum Mechanical Switching Frequency:	3600 cycles per hour
Coil Operating Limits:	(acc. to IEC 60947-4-1) Uc (at θ ≤ 70 °C) °C
Rated Control Circuit Voltage (U_c):	50 Hz 220 … 230 V
Coil Consumption:	Pull-in at Max. Rated Control Circuit Voltage 60 Hz 900 V·A Holding at Max. Rated Control Circuit Voltage 50 Hz 52 V·A Pull-in at Max. Rated Control Circuit Voltage 50 Hz 800 V·A Holding at Max. Rated Control Circuit Voltage 60 Hz 44 V·A
Operate Time:	Between Coil Energization and NO Contact Closing 20…40 ms Between Coil De-energization and NO Contact Opening 7.5…15 ms Between Coil De-energization and NC Contact Closing 10…18 ms Between Coil Energization and NC Contact Opening 15…35 ms
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Coil Terminals IP20
Connecting terminals (delivered in open position) Main poles:	Flat type c/w screws and bolts
Terminal Type:	Screw Terminals

Environmental

Ambient Air Temperature:	Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25…+55 °C Close to Contactor without Thermal O/L Relay (0.85 ... 1.1 Uc) -40…+70 °C Close to Contactor for Storage -50…+70 °C
Maximum Operating Altitude Permissible:	3000 m
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical UL/CSA

General Use Rating UL/CSA:	(600 V AC) 200 A

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	1SFA1-27
RoHS Information:	1SFC101035D0202

Classifications

ETIM 5:	EC000066 - Magnet contactor, AC-switching

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- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

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Product	Code	Reference	Product link
EK150-40-11 220-230V 50Hz Contactor	SK824441-AL	EK150-40-11	Buy on EAN