

ESB20-20 230V 50Hz / 264V 60Hz



Products Low Voltage Products and Systems Control Products Contactors Installation Contactors

Products Low Voltage Products and Systems Modular DIN Rail Products Modular DIN Rail Components MDRCs Installation Contactors

General Information

Extended Product Type:	ESB20-20 230V 50Hz / 264V 60Hz
Product ID:	GHE3211102R0006
EAN:	3471520263263
Catalog Description:	ESB20-20 230V 50Hz / 264V 60Hz Installation Contactor
Long Description:	ESB20-20 230V 50Hz / 264V 60Hz Installation Contactor

Additional Information

ABB Industrial IT Suite:	Control IT
Ambient Air Temperature:	Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25 ... +55 °C
BV Certificate:	BV_2634H13153C0
CB Certificate:	CB_B21_1996_A1-A2
CCC Certificate:	CCC_2003010304060098
CEBEC Certificate:	CB_B21_1996_A1-A2
CSA Certificate:	CSA_1169513
Coil Consumption:	Average Holding Value 50 / 60 Hz 3.2 V·A Average Holding Value 50 / 60 Hz 1.2 W Average Pull-in Value 50 Hz 8 V·A Average Pull-in Value 60 Hz 10 V·A
Coil Operating Limits:	(acc. to IEC 60947-4-1) 0.85 ... 1.1 x Uc (at $\theta \leq 55$ °C) °C
Connecting terminals (delivered in open position) Coils terminals:	M 3
Connecting terminals (delivered in open position) Main poles:	M 4
Country of Origin:	Czech Republic (CZ)
Customs Tariff Number:	85364900
Data Sheet, Technical Information:	1SAC101101D0201
Declaration of Conformity - CE:	1SBD250201U1000
Drop-out Voltage in % of Uc:	Approximate 20 ... 75 %
E-number:	3225004
EAN:	3471520263263
ETIM 4:	EC001653 - Installation contactor for distribution board
ETIM 5:	EC001653 - Installation contactor for distribution board
ETIM 6:	EC001653 - Installation contactor for distribution board
Electrical Durability:	max. Ie AC-3 0.15 million
Environmental Information:	1SBD250054E1000
GOST Certificate:	GOST_POCCFRME77B07175
IIT Publishing Status:	Level 0 - Information enabled
Industrial IT Certification Level:	0
Instructions and Manuals:	1SAC101101D0201
Invoice Description:	ESB20-20 230V 50Hz / 264V 60Hz Installation Contactor
LOVAG Certificate:	LOVAG_FR96042
Maximum Electrical Switching Frequency:	AC-1 300 cycles per hour AC-3 600 cycles per hour
Mechanical Durability:	1 million

Minimum Order Quantity:	10 piece
Minimum Switching Capacity:	17 / 200 volt per milliamp
Mounting on DIN Rail:	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Number of Main Contacts NO:	2
Object Classification Code:	Q
Operate Time:	Between Coil Energization and NO Contact Closing 12 ms Between Coil De-energization and NC Contact Closing 12 ms
Order Multiple:	10 piece
Package Level 1 EAN:	3471520263263
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 Height:	76 mm
Package Level 1 Length:	183 mm
Package Level 1 Units:	10 piece
Package Level 1 Width:	92 mm
Package Level 2 Units:	120 piece
Package Level 3 Units:	2160 piece
Power Loss:	1 W
Product Main Type:	ESB20
Product Name:	Installation Contactor
Product Net Depth:	67 mm
Product Net Height:	86 mm
Product Net Weight:	0.200 kg
Product Net Width:	17.5 mm
RMRS Certificate:	1SAA920000-0703
Rated Frequency (f):	50 / 60 Hz
Rated Frequency Limits:	50 ... 60 Hz
Rated Insulation Voltage (U_i):	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 400 V
Rated Operational Current (I_b):	9 A
Rated Operational Current AC-1 (I_b):	for Air Temperature Near the Contactor = 55 °C 20 A
Rated Operational Power AC-1 (P_e):	230 V Single Phase 4 kW
Rated Operational Voltage:	Main Circuit 250 V
Rated Short-time Withstand Current (I_{cw}):	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 72 A
RoHS Information:	1SBC101058D0201
RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01
Selling Unit of Measure:	piece
Short-Circuit Protective Devices:	gG Type Fuses 20 A
Standards:	Devices complying with international standards IEC 60 947-4-1 / IEC 1095 and European standards EN 60 947-4-1 / EN 61095.
Terminal Type:	Screw Terminals
UL Certificate:	UL_20030401-E39231
UNSPSC:	39121529
UTE Certificate:	NF_668045

