

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

Categories

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

Ordering

EAN:	3471520263263
Minimum Order Quantity:	10 piece
Customs Tariff Number:	85369085

Dimensions

Product Net Width:	17.5 mm
Product Net Height:	86 mm
Product Net Depth:	67 mm
Product Net Weight:	0.200 kg

Container Information

Package Level 1 Units:	10 piece
Package Level 1 Width:	92 mm
Package Level 1 Height:	76 mm
Package Level 1 Length:	183 mm
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 EAN:	3471520263263
Package Level 2 Units:	120 piece
Package Level 3 Units:	2160 piece

Environmental

Ambient Air Temperature:	Close to Contactor Fitted with Thermal O/L Relay (0.85 ... 1.1 Uc) -25 ... +55 °C
RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01

Additional Information

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
Drop-out Voltage in % of Uc:	Approximate 20 ... 75 %
Electrical Durability:	max. Ie AC-3 0.15 million
IIT Publishing Status:	Level 0 - Information enabled
Maximum Electrical Switching Frequency:	AC-1 300 cycles per hour AC-3 600 cycles per hour
Mechanical Durability:	1 million
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
Operate Time:	Between Coil Energization and NO Contact Closing 12 ms Between Coil De-energization and NC Contact Closing 12 ms
Power Loss:	1 W
Product Main Type:	ESB20
Product Name:	Installation Contactor

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_e):	9 A
Rated Operational Current AC-1 (I_e):	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
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

Certificates and Declarations (Document Number)

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
cUL Certificate:	UL_20030401-E39231
Data Sheet, Technical Information:	1SAC101101D0201
Declaration of Conformity - CE:	1SBD250203C3000
GOST Certificate:	GOST_POCCFRME77B07175
LOVAG Certificate:	LOVAG_FR96042
RMRS Certificate:	1SAA920000-0703
RoHS Information:	1SBC101058D0201
UL Certificate:	UL_040103E39231
UTE Certificate:	NF_668045

Classifications

E-nummer:	3225004
ETIM 4:	EC001653 - Installation contactor for distribution board
ETIM 5:	EC001653 - Installation contactor for distribution board
Object Classification Code:	Q
UNSPSC:	39121529

