

EN40-40-24AC/DC



General Information

Extended Product Type:	EN40-40-24AC/DC
Product ID:	GHE3421101R0001
EAN:	4013614262500
Catalog Description:	EN40-40-24AC/DC Installation Contactor
Long Description:	The EN40 installation contactor is a 4 pole devices with integrated manual switch suitable for modular switchboards. They are specially designed fitting to modular DIN rail products and for applications where customers want to use the panel design with high finger protection. Installation contactors with integrated manual switch suitable are used for residential, commercial and industrial day/night applications for the control of single or three-phase loads up to 40 A. Further features are the noiseless and hum-free DC coil, the integrated overvoltage protection up to 5 kV and a switch position indication. Auxiliary contacts, distance pieces and sealing cover for protection against unauthorized changes are available as accessory.

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

Accessories

Identifier	Description	Type	Qty
GHE3401321R0001	EH04-20 Auxiliary Contact	EH04-20	1
GHE3401321R0002	EH04-11 Auxiliary Contact	EH04-11	1
GHE3401903R0001	ESB-PLK40/63 Sealing Cover	ESB-PLK40/63	1
GHE3201902R0001	ESB-DIS Distance Piece	ESB-DIS	1

Ordering

EAN:	4013614262500
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080

Container Information

Package Level 1 Units:	3 piece
Package Level 1 Width:	89.0 mm
Package Level 1 Height:	69.0 mm
Package Level 1 Length:	165.0 mm
Package Level 1 Gross Weight:	1.275 kg
Package Level 1 EAN:	4013614420955

Dimensions

Product Net Width:	54.0 mm
Product Net Height:	85.0 mm
Product Net Depth:	65.0 mm
Product Net Weight:	0.410 kg

Technical

Rated Frequency (f):	Control Circuit DC Control Circuit 50 Hz Control Circuit 60 Hz
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	Control Circuit 400 Hz
	Main Circuit DC
	Main Circuit 50 Hz
	Main Circuit 60 Hz
Rated Operational Current AC-1 (I_e):	(NC) 30 A (NO) 40 A
Rated Operational Current AC-3 (I_e):	(230V) Single Phase 22 A (400V) Three Phase 22 A
Rated Operational Power AC-1 (P_e):	230V Single Phase 9.20 kW 400V Three Phase 26.00 kW
Rated Operational Power AC-3 (P_e):	(230V) Single Phase 3.70 kW (400V) Three Phase 11.00 kW
Rated Operational Current AC-7a (I_e):	(NC) 30 A (NO) 40 A
Rated Operational Power AC-7b (P_e):	(230 V) Single Phase 3.70 kW (400 V) Three Phase 11.00 kW
Recommended Screw Driver:	Control Circuit Pozidriv 1 Main Circuit Pozidriv 2
Rated Impulse Withstand Voltage (U_{imp}):	6 kV
Rated Insulation Voltage (U_i):	acc. to IEC 60947-4-1 and VDE 0110 (Gr. C) 500 V
Connecting Capacity-Main Circuit:	Flexible with Ferrule 1x 1.5 ... 16 mm ² Flexible with Insulated Ferrule 1x 1.5 ... 16 mm ² Flexible 1x 1.5 ... 16 mm ² Rigid 1x 1.5 ... 25 mm ² Rigid 2x 10 mm ²
Tightening Torque:	Control Circuit 0.9 N·m Main Circuit 2.5 N·m
Wire Stripping Length:	Control Circuit 7 mm Main Circuit 13 mm
Degree of Protection:	IP20
Electrical Durability:	AC-1 150000 cycle AC-3 170000 cycle AC-7a 150000 cycle AC-7b 170000 cycle
Mechanical Durability:	1000000 cycle
Number of Poles:	4
Number of Main Contacts NC:	0
Number of Main Contacts NO:	4
Width in Number of Modular Spacings:	3
Pollution Degree:	3
Standards:	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 IEC/EN 61095

Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +80 °C
Maximum Operating Altitude Permissible:	2000 m
Resistance to Shock acc. to IEC 60068-2-27:	11 ms Pulse 150 m/s ²
Resistance to Vibrations acc. to IEC 60068-2-6:	5g / 3 ... 150 Hz
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical UL/CSA

Maximum Operating Voltage	Main Circuit 480 V AC
UL/CSA:	
Connecting Capacity-Main Circuit	Flexible 16 ... 4 AWG
UL/CSA:	Stranded 16 ... 4 AWG
Tightening Torque UL/CSA:	Main Circuit 20 in·lb

Certificates and Declarations (Document Number)

CB Certificate:	1SAA920001-2003
CEBEC Certificate:	1SAA920001-2002
Declaration of Conformity - CE:	1SAD938507-0007
EAC Certificate:	1SAA920000-2702
RoHS Information:	1SAA920005-4401

Classifications

Object Classification Code:	Q
ETIM 4.0:	EC001653 - Installation contactor for distribution board
ETIM 5.0:	EC001653 - Installation contactor for distribution board

