PRODUCT-DETAILS

EN40-20N-06

EN40-20N-06 Contactor



Información General

Extended Product Type	EN40-20N-06
Product ID	1SAE342111R0620
EAN	4013614518805
Catalog Description	EN40-20N-06 Contactor
Long Description	The EN40..N installation contactors are used to control single and three-phase loads up to 40 A and can be operated by AC or DC and/or manually. These contactors are made for use in household applications as well as in industrial environments. The following benefits are provided: Hum-free operation, low power consumption, integrated overvoltage protection and manual override. Various contact combinations and accessories are available. Manual operation is available in 3 states: "On", "Off", "Auto"

Clasificación

Package Level 1 EAN	4013614525117
Minimum Order Quantity	1 piece
Customs Tariff Number	85365080

Descargas Populares

Instructions and Manuals	2CDC103043M6801

Dimensiones

Product Net Width	54 mm
Product Net Height	85 mm
Product Net Depth / Length	65 mm
Product Net Weight	0.375 kg

Technical

Rated Operational Voltage	Main Circuit 220 V DC Main Circuit 400 V AC
Rated Control Circuit Voltage (U_c)	230 V
Rated Frequency (f)	Control Circuit 400 Hz Control Circuit 50 Hz Control Circuit 60 Hz Control Circuit DC Main Circuit 50 Hz Main Circuit 60 Hz Main Circuit DC
Rated Operational Current AC-1 (I_e)	(NO) 40 A
Rated Operational Current AC-3 (I_e)	(230 V) Single Phase, NO 22 A
Rated Operational Power AC-1 (P_e)	(230 V) Single Phase, NO 9.2 kW
Rated Operational Power AC-3 (P_e)	(230 V) Single Phase, NO 3.7 kW
Rated Operational Current AC-7a (I_e)	(NO) 40 A
Rated Operational Power AC-7a (P_e)	(230 V) Single Phase, NO 9.2 kW
Rated Operational Current AC-7b (I_e)	(230 V) Single Phase, NO 22 A
Rated Operational Power AC-7b (P_e)	(230 V) Single Phase, NO 3.7 kW
Recommended Screw Driver	Control Circuit Pozidriv 1 Main Circuit Pozidriv 2
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Rated Insulation Voltage (U_i)	500 V
Connecting Capacity Main Circuit	Flexible with Ferrule 1x 1.5 ... 16 mm² Flexible with Ferrule 2x 1.5 ... 10 mm² Flexible with Insulated Ferrule 1x 1.5 ... 16 mm² Flexible with Insulated Ferrule 2x 1.5 ... 10 mm² Flexible 1x 1.5 ... 16 mm² Flexible 2x 1.5 ... 10 mm² Rigid 1x 1.5 ... 25 mm² Rigid 2x 1.5 ... 10 mm²
Connecting Capacity Control Circuit	Flexible with Ferrule 1x 1 ... 2.5 mm² Flexible with Ferrule 2x 0.75 ... 1.5 mm² Flexible with Insulated Ferrule 1x 1 ... 2.5 mm² Flexible with Insulated Ferrule 2x 0.75 ... 1 mm² Flexible 1x 1 ... 2.5 mm² Flexible 2x 1 ... 1.5 mm² Rigid 1x 1 ... 4 mm² Rigid 2x 1 ... 2.5 mm²
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 (NO) 150000 cycle

	AC-3 (NO) 150000 cycle AC-7a (NO) 150000 cycle AC-7b (NO) 150000 cycle
Mechanical Durability	1000000 cycle
Number of Poles	2
Number of Main Contacts NC	0
Number of Main Contacts NO	2
Width in Number of Modular Spacings	3
Pollution Degree	3
Standards	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 61095 UL 60947-1 UL 60947-4-1

Ambiente

Ambient Air Temperature	Funcionamiento -25 ... +55 °C Almacenamiento -40 ... +80 °C
Maximum Operating Altitude Permissible	2000 m
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 15g
RoHS Status	Following EU Directive 2011/65/EU

Certificados y Declaraciones (Número de Documento)

CB Certificate	1SAA920005-2001
CCC Certificate	1SAA920003-3801
Declaration of Conformity - CE	1SAD938504-0302
EAC Certificate	1SAA920001-2702
Environmental Information	1SAC200064H0009
Instructions and Manuals	2CDC103043M6801
RMRS Certificate	1SAA920000-0705
RoHS Information	1SAD938503-0302

Información de Embalaje

Package Level 1 Units	1 piece
Package Level 1 Width	92 mm
Package Level 1 Height	69.5 mm
Package Level 1 Depth / Length	57 mm
Package Level 1 Gross Weight	0.375 kg
Package Level 1 EAN	4013614525117
Package Level 2 Units	40 piece
Package Level 2 Width	280 mm
Package Level 2 Height	210 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Gross Weight	15.7 kg
Package Level 2 EAN	4013614539510

Clasificaciones

Object Classification Code	Q
ETIM 5	EC001653 - Installation contactor for distribution board
ETIM 6	EC001653 - Installation contactor for distribution board
ETIM 7	EC001653 - Installation contactor for distribution board
eClass	7.0 27142308
UNSPSC	39121529
E-Number (Finland)	3707815

Categorias

Productos y sistemas de baja tensión → Aparatos de control → Contactores → Contactores de instalación

Productos y sistemas de baja tensión → Aparatos modulares de instalación → Command and Signalling devices → Contactores de instalación

