



**Automatización Eléctrica**

Especialistas en Automatización

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## General Information

Extended Product Type:	VTBC7-30-01-55
Product ID:	GJL1313961R5015
EAN:	4013614261442
Catalog Description:	VTBC7-30-01-55 Mini Reversing Contactor
Long Description:	VTBC7-30-01-55 Mini Rev.Contactor 50-90VDC

## Categories

Products » Low Voltage Products and Systems » Control Products » Contactor Starters » Reversing Contactors
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## Ordering

EAN:	4013614261442
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080

## Dimensions

Product Net Width:	96.5 mm
Product Net Height:	57.5 mm
Product Net Depth:	46.5 mm
Product Net Weight:	0.345 kg

## Container Information

Package Level 1 Units:	5 piece
Package Level 1 Width:	115 mm
Package Level 1 Height:	54 mm
Package Level 1 Length:	280 mm
Package Level 1 Gross Weight:	1.795 kg
Package Level 1 EAN:	4013614420078

## Environmental

Ambient Air Temperature:	Operation -30 ... +70 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible:	2000 m
Resistance to Shock acc. to IEC 60068-2-27:	11 ms Pulse 15g
Resistance to Vibrations acc. to IEC 60068-2-6:	5g / 5 ... 150 Hz
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical

Contactor Starter Type:	Compact Reversing Contactor with Normal Interlock
Number of Auxiliary Contacts NC:	1
Number of Auxiliary Contacts NO:	0
Number of Main Contacts NC:	0
Number of Main Contacts NO:	3
Rated Frequency (f):	Main Circuit 60 Hz Main Circuit 50 Hz Main Circuit DC
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	Main Circuit 6 kV
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to UL/CSA 600 V
Rated Operational Current AC-1 (I <sub>e</sub> ):	(220 / 240 V) 40 °C 20 A (220 / 240 V) 55 °C 16 A (380 / 440 V) 40 °C 20 A (380 / 440 V) 55 °C 16 A (690 V) 40 °C 6 A (690 V) 55 °C 6 A
Rated Operational Current AC-3 (I <sub>e</sub> ):	(380 / 400 V) 55 °C 11.5 A
Rated Operational Voltage:	Main Circuit 690 V AC
Conventional Free-air Thermal Current (I <sub>th</sub> ):	Main Circuit 20 A
Rated Control Circuit Voltage (U <sub>c</sub> ):	50 ... 90 V DC

<b>Coil Operating Limits:</b>	(acc. to IEC 60947-4-1) for DC supply U <sub>c</sub> Min. ... U <sub>c</sub> Max. (at θ ≤ 55 °C)
<b>Degree of Protection:</b>	Main Circuit Terminals IP20
<b>Mechanical Durability:</b>	10000000 cycle
<b>Connecting Capacity-Main Circuit:</b>	Flexible with Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible 1/2x 1 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
<b>Connecting Capacity-Auxiliary Circuit:</b>	Flexible with Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible 1/2x 1 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
<b>Connecting Capacity-Control Circuit:</b>	Flexible with Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible 1/2x 1 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
<b>Tightening Torque:</b>	Control Circuit 0.8 ... 1.1 N·m Main Circuit 0.8 ... 1.1 N·m
<b>Wire Stripping Length:</b>	Auxiliary Circuit 9 mm Main Circuit 9 mm
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Standards:</b>	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1

### Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 600 V AC
<b>Horsepower Rating UL/CSA:</b>	(208 V AC) Three Phase 1 Hp (220 ... 240 V AC) Three Phase 3 Hp (440 ... 480 V AC) Three Phase 5 Hp (550 ... 600 V AC) Three Phase 5 Hp

### Certificates and Declarations (Document Number)

<b>Declaration of Conformity - CE:</b>	1SAD938510-0001
<b>EAC Certificate:</b>	1SAA920000-2702
<b>RoHS Information:</b>	1SAA938003-4403

### Classifications

<b>Object Classification Code:</b>	Q
<b>eClass:</b>	7.0 27371009
<b>ETIM 4:</b>	EC000066 - Magnet contactor, AC-switching
<b>ETIM 5:</b>	EC000010 - Starter combination





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