

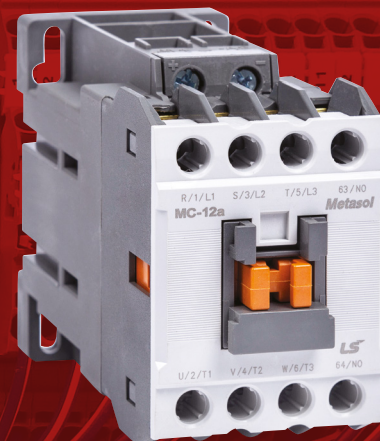
# niglon Control & Automation

## MOTOR CONTROL GEAR

### STANDARD CONTACTOR

### 32A 3 POLE DC COIL

### 3SC3224D



**3 pole contactors are for the control of electric motors, and have auxiliary contacts fitted. Din rail mounting**

#### General Characteristics

<b>Standards</b>	IEC 60947-4, UL-508
<b>AC-3 Rated Load</b>	32A
<b>AC-3 Rated Power @ 415V</b>	15kW
<b>Rated Operational Voltage (Ue)</b>	≥ 690V
<b>Main Contact Configuration</b>	3 Pole NO
<b>Auxiliary Contacts</b>	2NO + 2NC
<b>Maximum Operation Frequency</b>	1800 per hour
<b>Mechanical Endurance</b>	15 000 000 ops
<b>Electrical Endurance</b>	2 000 000 ops
<b>Width</b>	68mm
<b>Height</b>	95mm
<b>Depth</b>	121mm
<b>Terminal Capacity</b>	4 to 16mm <sup>2</sup>
<b>Tightening Torque</b>	4 Nm
<b>Weight</b>	0.54Kg

#### Coil Characteristics

<b>Available Coil Voltages</b>	24VDC
<b>Inrush Current</b>	9VA
<b>Sealed Current</b>	9 VA
<b>Pull-in Voltage</b>	80 - 110 %
<b>Thermal Dissipation</b>	50W
<b>Closing time</b>	45 - 55 VA

#### Available Accessories

<b>AUX0/2FM</b>	Auxiliary Contact 2NC
<b>AUX1/1FM</b>	Auxiliary Contact 1NO/1NC
<b>AUX0/4FM</b>	Auxiliary Contact 4NC
<b>AUX1/3FM</b>	Auxiliary Contact 1NO/3NC
<b>AUX2/2FM</b>	Auxiliary Contact 2NO/2NC
<b>AUX3/1FM</b>	Auxiliary Contact 3NO/1NC
<b>AUX4/0FM</b>	Auxiliary Contact 4NO
<b>AUX0/1SM</b>	Auxiliary Contact 1NC side mount
<b>AUX1/OSM</b>	Auxiliary Contact 1NO side mount

#### Available Accessories

<b>4PMI135</b>	Mechanical Interlock
<b>Manual Motor Starter MMS0.16</b>	0.1 - 0.16 A
<b>Manual Motor Starter MMS0.25</b>	0.16 - 0.25 A
<b>Manual Motor Starter MMS0.4</b>	0.25 - 0.4 A
<b>Manual Motor Starter MMS0.6</b>	0.4 - 0.63 A
<b>Manual Motor Starter MMS1.0</b>	0.63 - 1.0 A
<b>Manual Motor Starter MMS1.6</b>	1.0 - 1.6 A
<b>Manual Motor Starter MMS2.5</b>	1.6 - 2.5 A
<b>Manual Motor Starter MMS4.0</b>	2.5 - 4 A
<b>Manual Motor Starter MMS6.0</b>	4 - 6 A
<b>Manual Motor Starter MMS10</b>	6 - 10 A
<b>Manual Motor Starter MMS13</b>	9 - 13 A
<b>Manual Motor Starter MMS17</b>	11 - 17 A
<b>Manual Motor Starter MMS22</b>	14 - 22 A
<b>Manual Motor Starter MMS26</b>	18 - 26 A
<b>Manual Motor Starter MMS32</b>	22 - 32 A
<b>Thermal Overload ORSC0.16</b>	0.1 - 0.16 A
<b>Thermal Overload ORSC0.25</b>	0.16 - 0.25 A
<b>Thermal Overload ORSC0.4</b>	0.25 - 0.4 A
<b>Thermal Overload ORSC0.63</b>	0.4 - 0.63 A
<b>Thermal Overload ORSC1.0</b>	0.63 - 1.0 A
<b>Thermal Overload ORSC1.6</b>	1.0 - 1.6 A
<b>Thermal Overload ORSC2.5</b>	1.6 - 2.5 A
<b>Thermal Overload ORSC4</b>	2.5 - 4 A
<b>Thermal Overload ORSC6</b>	4 - 6 A
<b>Thermal Overload ORSC8</b>	5 - 8 A
<b>Thermal Overload ORSC9</b>	6 - 9 A
<b>Thermal Overload ORSC10</b>	7 - 10 A
<b>Thermal Overload ORSC13</b>	9 - 13 A
<b>Thermal Overload ORSC18</b>	12 - 18 A
<b>Thermal Overload ORSC22</b>	16 - 22 A
<b>Thermal Overload ORSC32</b>	22 - 32 A

#### Additional Information

This product is for use by skilled persons or instructed persons. The installation of this product must comply with current IEE regulations. Terminals, including those factory fitted, must be checked for correct tightness before commissioning. All terminals should be periodically checked for correct tightness. The data herein serves only to describe the product and should not be regarded as representing guaranteed properties in the legal sense. We reserve the rights of modification, whilst every care has been taken in ensuring the accuracy of this catalogue, the Supplier accepts no liability whatsoever for any eventuality arising from errors or omissions within its catalogues, brochures or within any online presence.

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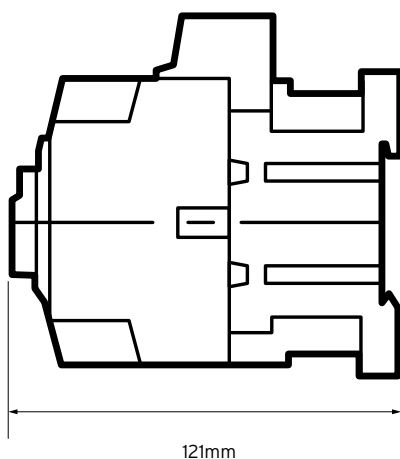
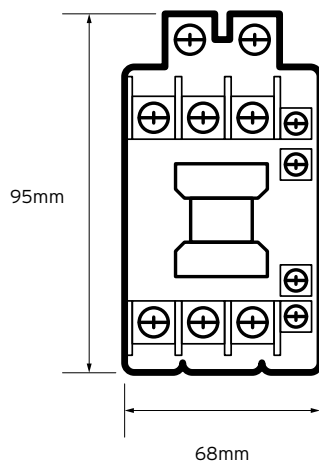
## MOTOR CONTROL GEAR

### STANDARD CONTACTOR

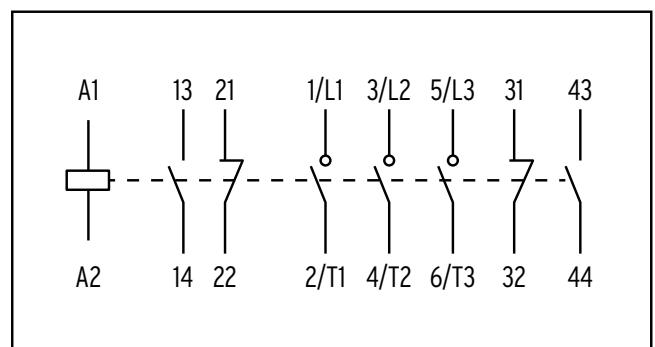
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#### Technical Drawing



#### Wiring Diagram



\*1 - Optional axillary contact unit

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