

# niGLON™ Control & Automation

## MOTOR CONTROL GEAR

### MODULAR CONTACTORS

#### 1MC0/2524



Installation contactors are din rail mounted and suitable for fitting in consumer units. Manual override allow switching when the control voltage is not applied. Flag indication. Fingerproof terminals

#### General Characteristics

|   |   |
|---|---|
| <b>Standards</b>                        | BSEN 60947-4-1, BSEN 61095 & BSEN 60947-5-1 |
| <b>Thermal Current Ith</b>              | 25A   |
| <b>Main Pole Contact Configuration</b>  | 2NC   |
| <b>Module Width</b>                     | 1   |
| <b>Rated Operational Voltage (Ue)</b>   | 230 V                                       |
| <b>Rated Operational Current AC1 Ie</b> | 25A   |
| <b>Rated Operational Frequency</b>      | 50/60 Hz                                    |
| <b>Rated Operational Current AC-3</b>   | 6A  |
| <b>Mechanical Endurance</b>             | 3 000 000 ops                               |
| <b>Electrical Endurance</b>             | 300 000 ops                                 |
| <b>Width</b>                            | 17.5mm                                      |
| <b>Height</b>                           | 85mm  |
| <b>Depth</b>                            | 60mm  |
| <b>Indication</b>                       | Flag and Override                           |
| <b>Terminal Bolt</b>                    | M5  |
| <b>Screw Head</b>                       | PZ2   |
| <b>Terminal Capacity</b>                | 1.5 - 16mm <sup>2</sup>                     |
| <b>Tightening Torque</b>                | 3.5 Nm                                      |
| <b>Weight</b>                           | 0.13 Kg                                     |

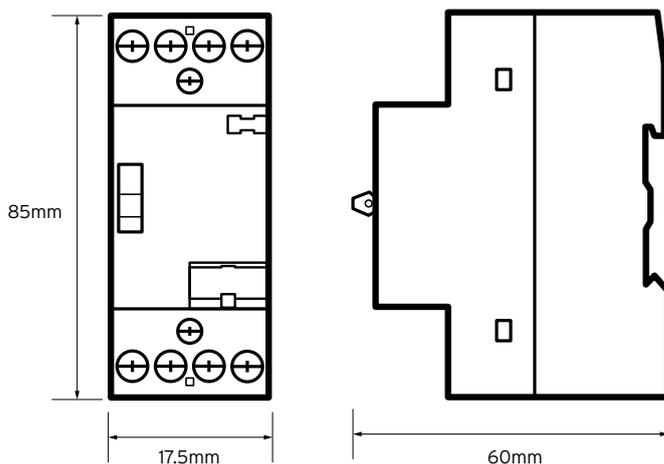
#### Coil Characteristics

|                        |            |
|------------------------|------------|
| <b>Coil Voltage</b>    | 24VAC      |
| <b>Inrush Current</b>  | 12 VA      |
| <b>Sealed Current</b>  | 2.8 VA     |
| <b>Pull-in Voltage</b> | 85 - 110 % |
| <b>Closing time</b>    | 10 - 15 ms |

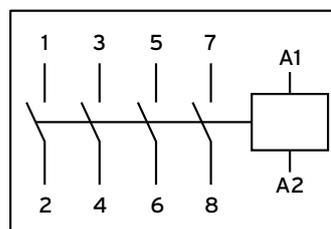
#### Available Accessories

|             |                                |
|-------------|--------------------------------|
| <b>MCA3</b> | Vented spacer one module width |
|-------------|--------------------------------|

#### Technical Drawing



#### Wiring Diagram



#### 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.