

# niglon™ Control & Automation

## MOTOR CONTROL GEAR

### THERMAL OVERLOAD RELAYS

### FOR MINI CONTACTORS

ORMC0.16, ORMC0.25, ORMC0.40, ORMC0.63,  
ORMC1.0 ORMC1.6, ORMC2.5, ORMC4, ORMC6,  
ORMC8, ORMC10, ORMC13



Thermal overload relays are differential type, and have manual and auto reset function. Phase failure protection. Flag indicator for relay trip. 5 pin configuration makes wiring to coil and auxilliary contact easier, and provides internal linkage

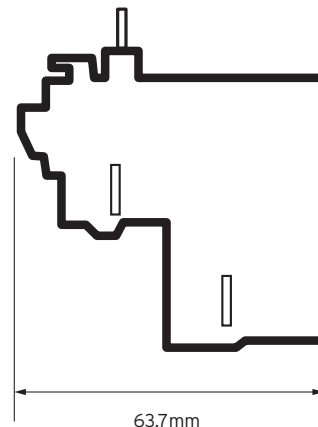
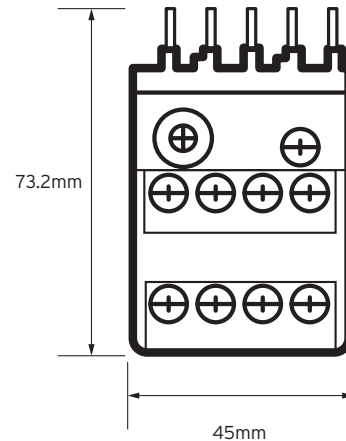
#### General Characteristics

Standards	IEC 60947-4-1, UL-508
Overall Depth when Mounted	93.4mm
Pin Configuration	5 pin
Rated Operational Voltage (Ue)	≥ 690V
AC-15 Trip Current @ 550V	1A
Auxilliary Contact	1NO + 1NC
Reset	Manual / Auto
Phase Failure Protection	Differential Current
Trip Characteristics	Class 10A; Bimetallic
Terminal Capacity	up to 2.5mm <sup>2</sup>
Tightening Torque	0.7 Nm
Weight	0.15Kg
IP Rating	IP20

#### Setting Ranges

ORMC0.16	0.1 - 0.16 A
ORMC0.25	0.16 - 0.25 A
ORMC0.4	0.25 - 0.4 A
ORMC0.63	0.4 - 0.63 A
ORMC1.0	0.63 - 1.0 A
ORMC1.6	1.0 - 1.6 A
ORMC2.5	1.6 - 2.5 A
ORMC4	2.5 - 4 A
ORMC6	4 - 6 A
ORMC8	5 - 8 A
ORMC10	6 - 10 A
ORMC13	9 - 13 A

#### Technical Drawing



#### Additional Information

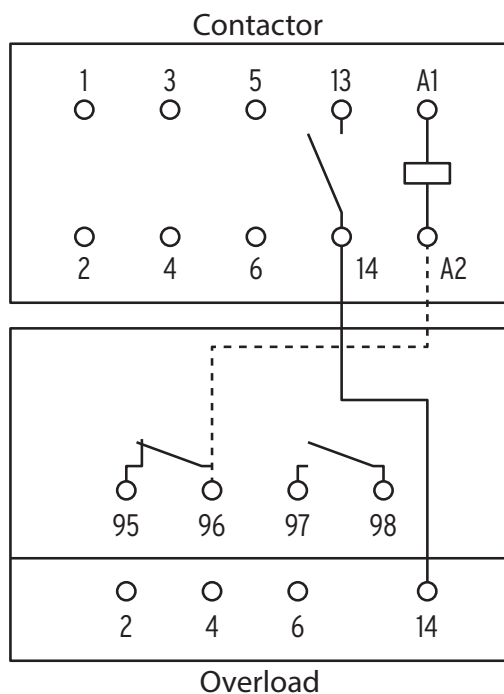
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#### Wiring Diagram



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