

niglon Control & Automation

MOTOR CONTROL GEAR

THERMAL OVERLOAD RELAYS

STANDARD CONTACTORS

ORSC0.16, ORSC0.25, ORSC0.4, ORSC0.63, ORSC1.0,
ORSC1.6, ORSC2.5, ORSC4, ORSC6, ORSC8, ORSC9,
ORSC10, ORSC13, ORSC18, ORSC22, ORSC32, ORSC40



Thermal overload relays are differential type, and have manual and auto reset function. Phase failure protection. Flag indicator for relay trip.

General Characteristics

Standards	IEC 60947-4-1, UL-508
Overall Depth when Mounted	128.9mm
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 ²
Tightening Torque	0.7 Nm
Weight	0.24Kg
IP Rating	IP20

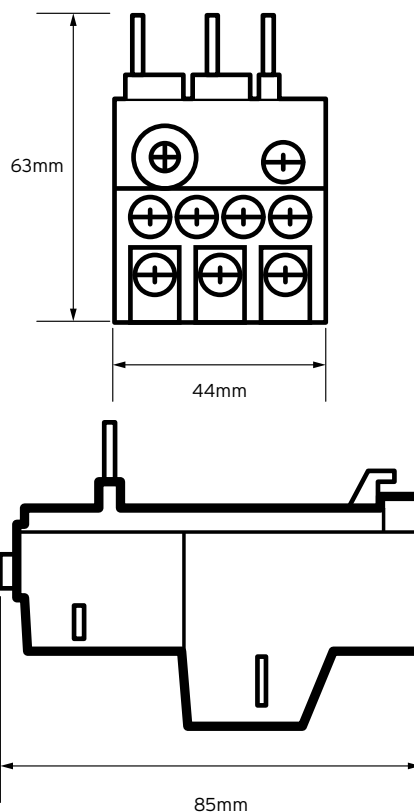
Setting Ranges

ORSC0.14	0.1 - 0.16A
ORSC0.25	0.16 - 0.25 A
ORSC0.4	0.25 - 0.4 A
ORSC0.63	0.4 - 0.63 A
ORSC1.0	0.63 - 1.0 A
ORSC1.6	1.0 - 1.6 A
ORSC2.5	1.6 - 2.5 A
ORSC4	2.5 - 4 A
ORSC6	4 - 6 A
ORSC8	5 - 8 A
ORSC9	6 - 9 A
ORSC10	7 - 10 A
ORSC13	9 - 13 A
ORSC18	12 - 18 A
ORSC22	16 - 22 A
ORSC32	22 - 32 A
ORSC40	28 - 40 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.

Technical Drawing



Wiring Diagram

