

# niglon Control & Automation

## MOTOR CONTROL GEAR

### DOL ENCLOSED STARTERS

### DOL12415



Enclosed direct on line starters (DOL) are for the control of motors. Prewired start and stop buttons. Less wiring is required than traditional starters as the overload relay has internal connections

#### General Characteristics

Standards	IEC 60947-4, UL-508
Width	90mm
Height	175mm
Depth	126mm
Rated Operational Voltage (Ue)	≥ 690V
AC-3 Rated Load	12A
AC-3 Rated Power	5.5kW
Number of Main Poles	3
AC1 Auxilliary Contact Rating	16A
Mechanical Endurance	12 000 000 ops
Electrical Endurance	1 000 000 ops
Terminal Capacity	up to 2.5mm <sup>2</sup>
Tightening Torque	1.2 Nm
Weight	1.16 Kg
IP Rating	IP54

#### Available Accessories

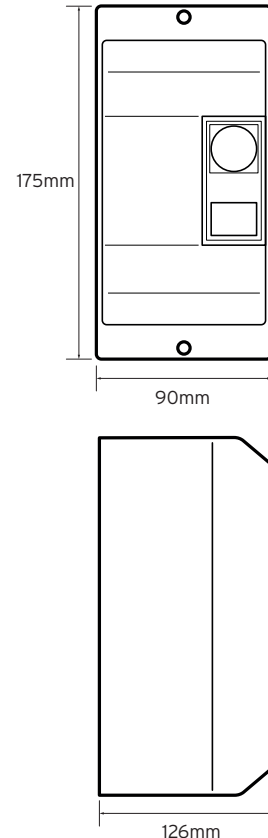
ORMC0.16	Thermal Overload 0.1 - 0.16 A
ORMC0.25	Thermal Overload 0.16 - 0.25 A
ORMC0.4	Thermal Overload 0.25 - 0.4 A
ORMC0.63	Thermal Overload 0.4 - 0.63 A
ORMC1.0	Thermal Overload 0.63 - 1.0 A
ORMC1.6	Thermal Overload 1.0 - 1.6 A
ORMC2.5	Thermal Overload 1.6 - 2.5 A
ORMC4	Thermal Overload 2.5 - 4 A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

Note that the overload relay setting must not exceed the contactor rating

#### Coil Characteristics

Coil Voltage	415V AC
Coil consumption	2W
Inrush Current	32 VA
Sealed Current	6 VA
Pull-in Voltage	80 - 110 %
Drop out Voltage	30 - 40 %
Closing time	10 - 20 ms

#### Technical Drawing



#### 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.