

# niglon Control & Automation

## MOTOR CONTROL GEAR

### DOL ENCLOSED STARTERS

### DOL22415



Enclosed direct on line starters (DOL) are for the control of motors. Prewired start and stop buttons.

#### General Characteristics

Standards	IEC 60947-4, UL-508
AC-3 Rated Load	22A
AC-3 Rated Power @ 415V	11kW
Rated Operational Voltage (Ue)	≥ 690V
Main Contact Configuration	3 Pole NO
Mechanical Endurance	25 000 000 ops
Electrical Endurance	2 500 000 ops
Width	118mm
Height	201mm
Depth	145mm
Terminal Capacity	2.5 to 10mm <sup>2</sup>
Tightening Torque	4 Nm
Weight	1.33 Kg

#### Available Accessories

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

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

#### 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.

#### Coil Characteristics

Coil Voltage	415V AC
Inrush Current	95 VA
Sealed Current	9 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	2W
Closing time	10 - 17 ms

#### Technical Drawing

