

nigLON Control & Automation

MOTOR CONTROL GEAR

LARGE CONTACTOR

185A 3 POLE AC/DC COIL

3LC185



3 pole contactors are for the control of electric motors, and have auxiliary contacts fitted. Direct mounting. Complete with 110/240V AC/DC coil

General Characteristics

Standards	IEC 60947-4, UL-508
AC-3 Rated Load	185A
AC-3 Rated Power @ 415V	90kW
Rated Operational Voltage (Ue)	≥ 690V
Main Contact Configuration	3 Pole NO
Auxilliary Contacts	2NO + 2NC
Maximum Operation Frequency	1200 per hour
Mechanical Endurance	5 000 000 ops
Electrical Endurance	1 000 000 ops
Width	138mm
Height	203mm
Depth	181mm
Terminal Bolt	M10
Tightening Torque	15 Nm
Weight	5.45 Kg

Coil Characteristics

Coil Voltage Range	100/240 V AC/DC
Inrush Current @ 230VAC	380VA
Sealed Current @ 230VAC	11.6VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	4.7 W
Closing time	45 ms

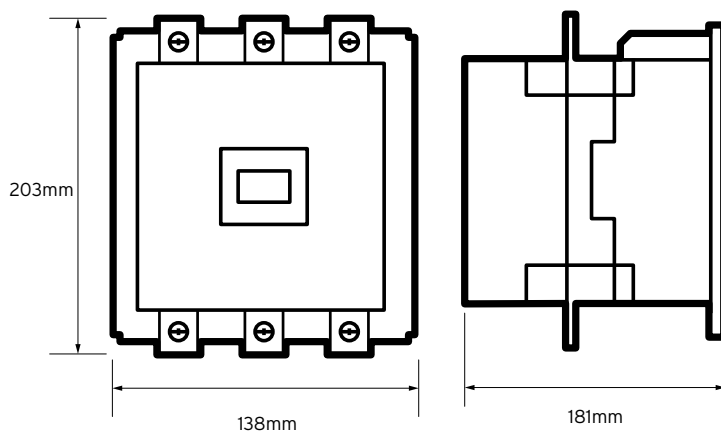
Available Accessories

AUX0/2FM	Auxilliary Contact 2NC
AUX1/1FM	Auxilliary Contact 1NO/1NC
AUX0/4FM	Auxilliary Contact 4NC
AUX1/3FM	Auxilliary Contact 1NO/3NC
AUX2/2FM	Auxilliary Contact 2NO/2NC
AUX3/1FM	Auxilliary Contact 3NO/1NC
AUX4/0FM	Auxilliary Contact 4NO

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

