

# niglon™ Control & Automation

## MOTOR CONTROL GEAR

### LARGE 4 POLE CONTACTOR AC/DC COIL 4LC420



4 pole contactors are for switching resistive loads, such as lighting or heating. Front or side auxiliary contacts are optional. Din rail mounting.

#### General Characteristics

Standards	IEC 60947-4, UL-508
AC-1 Rated Load	420A
AC-3 Rated Power @ 415V	110kW
Rated Operational Voltage (Ue)	≥ 690V
Number of Main Poles	4
Auxilliary Contacts	2NO + 2NC
Maximum Operation Frequency	1200 per hour
Mechanical Endurance	5 000 000 ops
Electrical Endurance	500 000 ops
Width	206mm
Height	243mm
Depth	199mm
Terminal Bolt	M12
Tightening Torque	23Nm
Weight	8.54Kg

#### Coil Characteristics

Coil Voltage Range	100/240V AC/DC
Inrush Current	571 VA
Sealed Current	14 VA
Pull-in Voltage	80 - 110 %
Thermal Dissipation	5 W
Closing time	45 - 50 ms

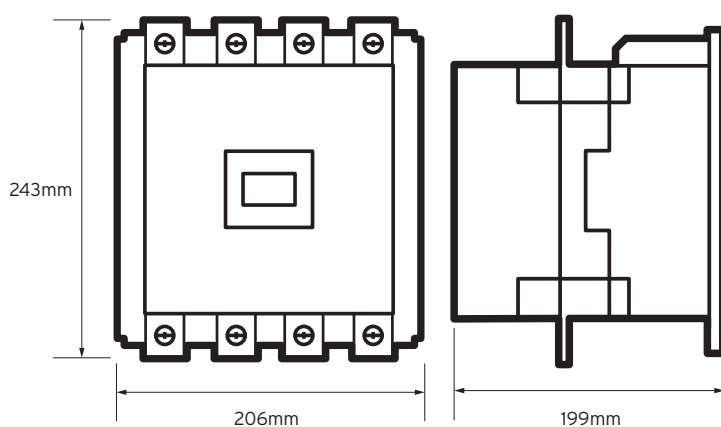
#### Available Accessories

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
AUX0/1SM	Auxilliary Contact 1NC side mount
AUX1/0SM	Auxilliary Contact 1NO side mount
MCM1	Mechanical Interlock

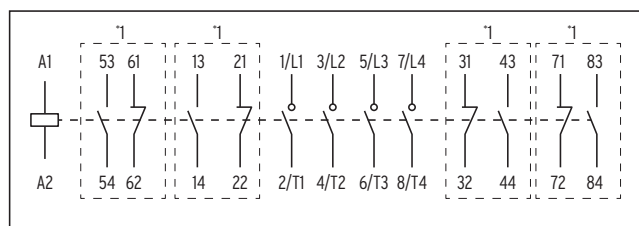
#### Additional Information

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



\*1 - Optional auxiliary contact unit