

NQ3 Electromagnetic Starters

ITC's new series of Electromagnetic DOL (Direct-on-Line) motor starters from 9A to 32A are designed with maximum flexibility and value.

The starter housing, the contactor and the overload relay are supplied separately, and are easily and quickly assembled.

Inventory is greatly reduced, and replacement of the components is extremely simple and economical.

1 - Starter Housing

Features and specifications:

- 2 sizes of starter housings available supplied complete with Start/Stop buttons and 2 UL-rated micro-switches, as well as all the necessary hook-up wires for assembly:
 - NQ3-AS3-18 houses 9, 12 and 18A NOARK/CHINT contactors & overloads, as well as any compatible direct-mounted contactors and overloads
 - NQ3-AS3-32 houses 25 and 32A NOARK/CHINT contactors & overloads, as well as any compatible direct-mounted contactors and overloads
- **Operating temperature:** -5 to 40°C
- **Mechanical life:** 1x10⁶ cycles
- **Electrical life:** 5x10⁵ cycles
- **Ingress Protection:** IP55 (NEMA 1)
- **Micro-switch rating:** 240V AC, 5A
- **Approvals:** cULus (CSA-C22.2 No. 14); IEC/EN 60947-4-1



2 - Contactor

To select the contactor to be installed in the NQ3-AS3 enclosure, please see page 3-7 of ITC catalog "Contactors, Overloads and Accessories".

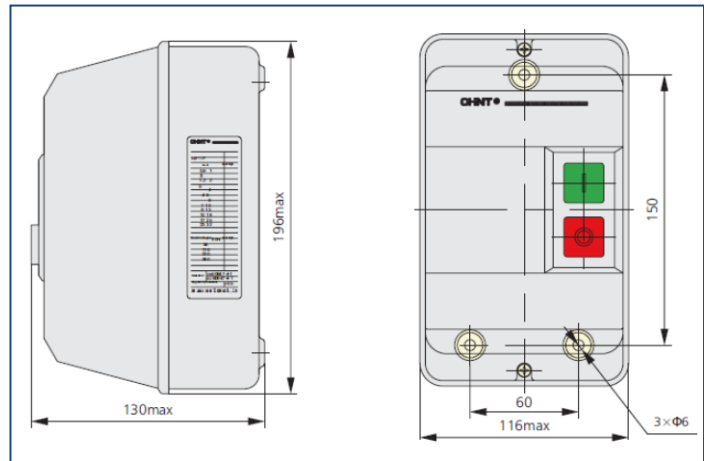
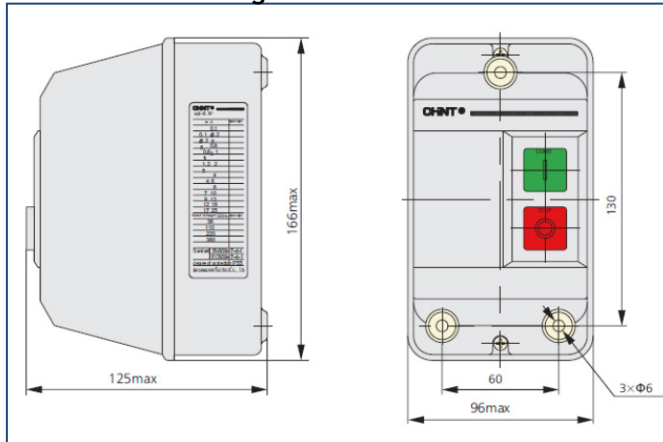
3 - Overload

To select the overload relay to be installed in the NQ3-AS3 enclosure, please see page 14 ITC catalog "Contactors, Overloads and Accessories".

Components of an Electromechanical Starter NQ3 (order by Part No.)

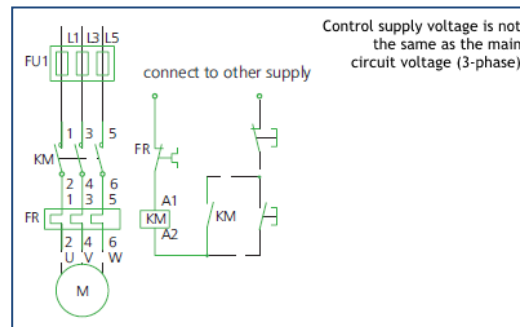
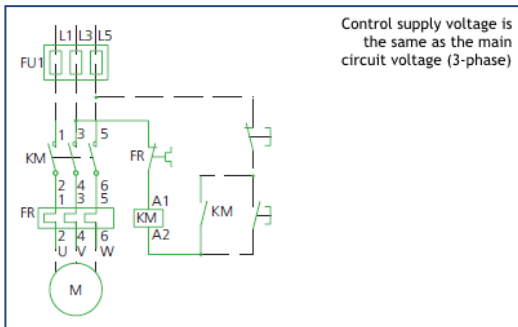
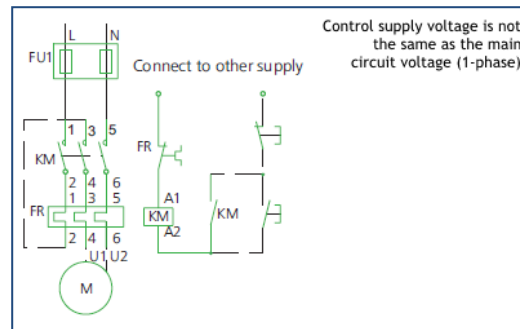
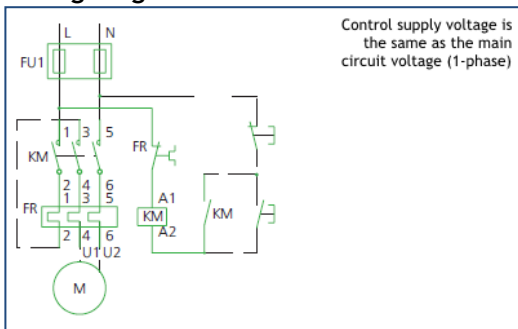
Part No.	Rated Current (A)	Max. rated Power (kW) - AC-3			Model of contactor	Model of overload relay
		660V	380V	220V		
NQ3-AS3-18	12	7.5	5.5	3	NC1-09xx NC1-12xx NC1-18xx	NR2-25 15 settings 0.1 to 25A
NQ3-AS3-32	22	15	11	5.5	NC1-25xx NC1-32xx	
						NR2-36 2 settings 23 to 36A

Dimensional Drawings



(All dimensions in mm)

Wiring Diagrams



Information subject to change without notice