

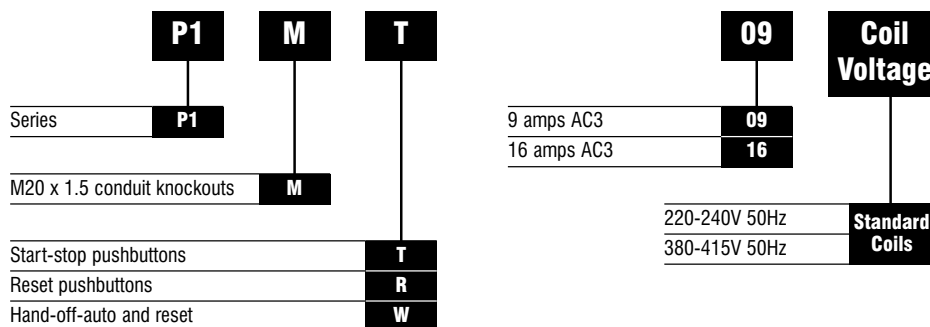
DOL Starters P1M



- Up to 7.5kW
- IP65 enclosure
- Start-Stop pushbuttons
- Hand-Off-Auto selector
- Wired to accept overload
- Indicator
- Anti-condensation heater



Options and ordering codes



Specification

		P1M_09	P1M_16
Contactor		K2-09A10	K2-16A10
Overload (sold separately)		U1216E	U1216E
Max. frequency of operation		15/hour	
Max. temperature		40 °C	
Ratings AC3 at 400V	Amps	9	16
	kW	4	7.5
	HP	6	11
Enclosure protection	'T' x 'R' 'W'	IP 65 IP 65	
Coil	Inrush VA	35 – 45	
	Hold VA	7 – 10	
	Voltage Range	0.85 – 1.1	
Cable cross section	Line	0.75 – 4	
		Flexible mm ²	
		0.75 – 2.5	
		Flexible with multicore cable end mm ²	
Motor		0.5 – 2.5	
		Cables per clamp	
		2	
		0.75 – 6 + 0.75 – 2.5	
		Flexible mm ²	
	0.75 – 4 + 0.5 – 2.5		
	Flexible with multicore cable end mm ²		
	0.5 – 2.5 + 0.5 – 1.5		
	Cables per clamp		
	1 + 1		

Selection and product ordering codes

Starter

AC3 Rating at 400V			Description	Product
Amps	kW	HP		
9	4	6	Start-Stop P/B	P1MT09
16	7.5	11.5	Start-Stop P/B	P1MT16
9	4	6	Reset P/B	P1MR09
16	7.5	11.5	Reset P/B	P1MR16
9	4	6	H-O-A	P1MW09
16	7.5	11.5	H-O-A	P1MW16

Starters are wired to accept overload. Overloads supplied as separate item. Specify coil voltage.

Overload

Range Amps	Product	Range Amps	Product
0.12–0.18	U1216E0.18	2.7–4	U1216E4
0.18–0.27	U1216E0.27	4–6	U1216E6
0.27–0.4	U1216E0.4	6–9	U1216E9
0.4–0.6	U1216E0.6	8–11	U1216E11
0.6–0.9	U1216E0.9	10–14	U1216E14
0.8–1.2	U1216E1.2	13–18	U1216E18
1.2–1.8	U1216E1.8	17–23	U1216E23
1.8–2.7	U1216E2.7	23–30	U1216E30

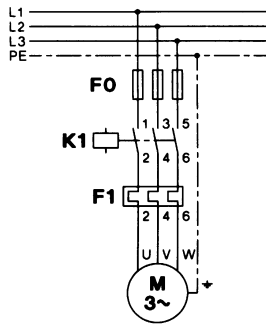
Accessories

Description	Product
Normally open auxiliary – Max 3	MCA10
Normally closed auxiliary – Max 3	MCA01
Anti-condensation heater – 415V 1.5W	K2HR
Lens cap	LG9743

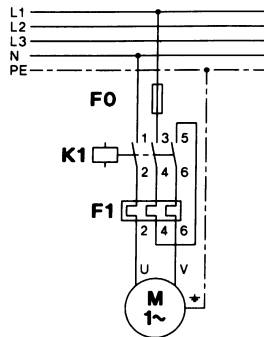
Description	Product
Green indicator (Current)	K2-ING
Red indicator (Current)	K2-INR
Neutral terminal	LG9744

Circuit diagrams

Wiring 3 Phase Motors

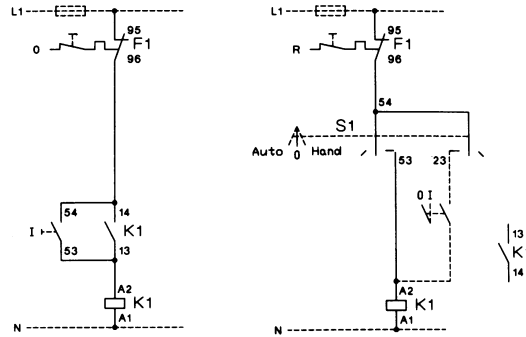


Single Phase Motors



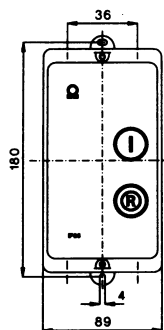
Control circuit

P1M T09 P1M T16 P1M W09 P1M W16

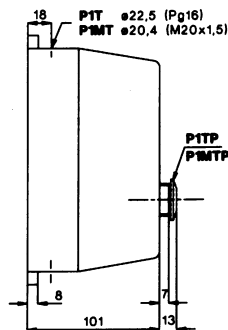


Dimensions (mm)

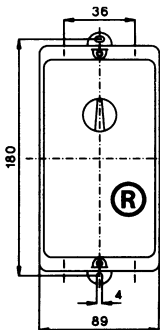
P1M T09



P1M T16



P1M W09



P1M W16

