

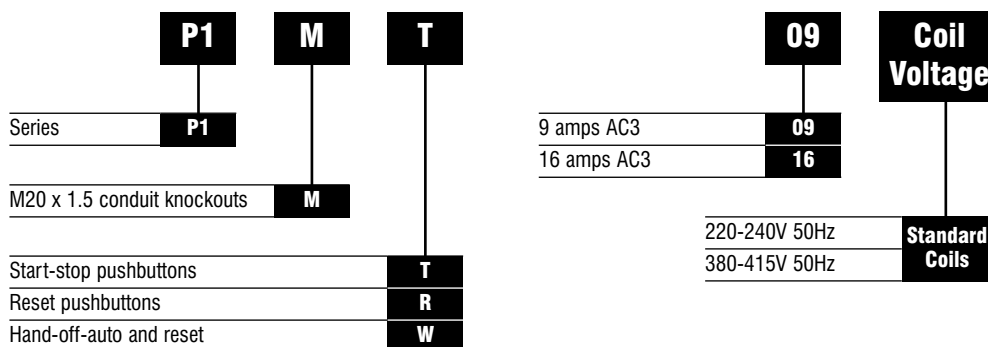
# DOL Starters P1M



- 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

		<b>P1M_09</b>	<b>P1M_16</b>
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 Hold VA Voltage Range	35 – 45 7 – 10 0.85 – 1.1	
Cable cross section			
Line	Solid or stranded mm <sup>2</sup> Flexible mm <sup>2</sup> Flexible with multicore cable end mm <sup>2</sup> Cables per clamp	0.75 – 4 0.75 – 2.5 0.5 – 2.5 2	
Motor	Solid or stranded mm <sup>2</sup> Flexible mm <sup>2</sup> Flexible with multicore cable end mm <sup>2</sup> Cables per clamp	0.75 – 6 + 0.75 – 2.5 0.75 – 4 + 0.5 – 2.5 0.5 – 2.5 + 0.5 – 1.5 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

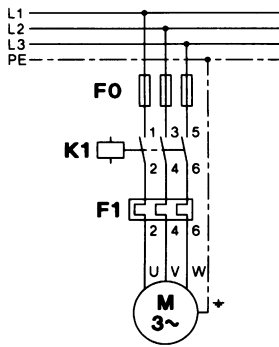
### Accessories

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

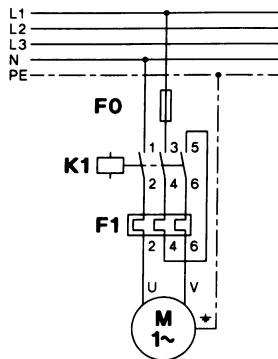
Description	Product
Green indicator (Current)	K2-ING
Red indicator (Current)	K2-INR
Neutral terminal	LG9744

## Circuit diagrams

### Wiring 3 Phase Motors

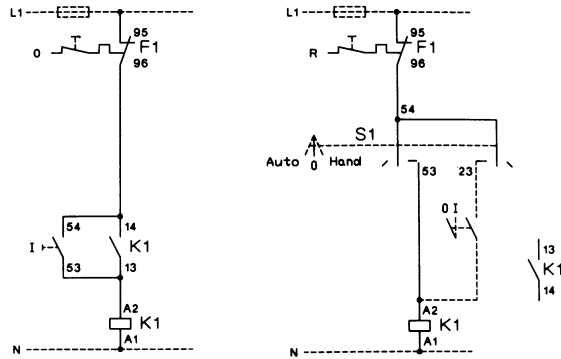


### Single Phase Motors



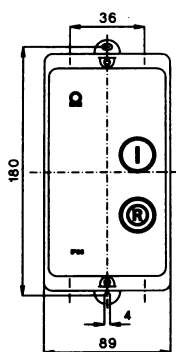
## Control circuit

### P1M T09 P1M T16 P1M W09 P1M W16

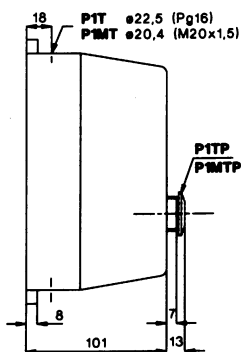


## Dimensions (mm)

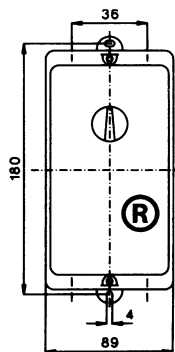
### P1M T09



### P1M T16



### P1M W09



### P1M W16

