

Circuit Breakers/Motor Starters — continued

'd2' Range – 4 and 9KW – IP55

Telemecanique



214-826, 214-838 H = 166, W = 88, D = 140
 Fixing centres = 150 (2 M5.5)
 214-851 H = 185, W = 101, D = 142
 Fixing centres = 165 (2 M5.5)

Three pole d.o.l. ac starters in polyester double insulated enclosures, dust and damp protected to **IP55** including 4 knock-outs size PE13 (D09)/PE16(D18). Fitted with flush green 'start' and projecting red 'stop/reset' push buttons which are pre-wired to accept the required 'd2' range overload relay type LR2D rated for the F.L.C. of the motor.

OVERLOAD RELAYS SELECTED SEPERATELY

CTL119

Rating kW/HP	Voltage 50/60Hz	Mftrs List No.	Order Code	Price Each		
				1+	5+	10+
4/5.5	240	LE1D093U7	. 214-826			
4/5.5	415	LE1D093N7	. 214-838			
9/12	415	LE1D185N7	. 214-851			

LE*GB Range - Enclosed

Telemecanique



- Uses Telemecanique K range, D range and Vario components for reliability
- **IP65** hybrid enclosure - Metal base and polycarbonate cover
- Pre-wired, add overload to complete
- Isometric knockouts top and bottom for cable/conduct entry
- Approvals are **UL, CSA, DEMKO, SEMKO** and **NEMKO**

Direct on line up to 5.5kW using K range contactor and overload.
 Direct on line up to 7.5 kW using D range contactor and overload.
 Star delta to 22kW using D Range contactors and overload relays.
 All with or without disconnect switch.

External Dimensions

	External Dimensions		
	H	W	D
Direct on line to 11kW	212	124	139
Direct on line to 11kW with disconnect switch	219	214	206
Direct on line reversing to 11kW	219	214	180
Direct on line reversing to 11kW with disconnect switch	225	304	206
Star delta to 22kW	225	304	180
Star delta to 22kW with disconnect switch	225	304	206

Maximum rated voltage (**IEC 947-1**) 1000V
 Coil voltages 240V and 415V
 Ambient air temperature -40°C to 70°C
 Coil pull in/hold in As relevant contactor
 Components conform to **IEC 947-4**

OVERLOAD RELAYS SELECTED SEPERATELY

CTL236

Rating	Mftrs. List No.	Order Code	Price Each		
			1+	5+	10+
Direct on Line					
5.5kW 240V	LE1GBK055U7	334-753			
5.5kW 415V	LE1GBK055N7	334-765			
11kW 240V	LE1GBD011U7	334-777			
11kW 415V	LE1GBD011N7	334-789			
Direct on Line with Switch Disconnecter					
5.5kW 240V	LE1GBKS55U7	334-790			
5.5kW 415V	LE1GBKS55N7	334-807			
11kW 240V	LE1GBDS11U7	334-819			
11kW 415V	LE1GBDS11N7	334-820			
Direct on Line Reversing					
5.5kW 240V	LE2GBK055U7	334-832			
5.5kW 415V	LE2GBK055N7	334-844			
11kW 240V	LE2GBD011U7	334-856			
11kW 415V	LE2GBD011N7	334-868			
Direct on Line Reversing with Switch Disconnecter					
5.5kW 240V	LE2GBKS55U7	334-870			
5.5kW 415V	LE2GBKS55N7	334-881			
11kW 240V	LE2GBDS11U7	334-893			
11kW 415V	LE2GBDS11N7	334-900			
Star/Delta Starters					
11kW 240V	LE3GBD011U7	334-911			
11kW 415V	LE3GBD011N7	334-923			
22kW 240V	LE3GBD022U7	334-935			
22kW 415V	LE3GBD022N7	334-947			
Star/Delta with Switch Disconnecter					
11kW 240V	LE3GBDS11U7	334-959			
11kW 415V	LE3GBDS11N7	334-960			
22kW 240V	LE3GBDS22U7	334-972			
22kW 415V	LE3GBDS22N7	334-996			

Manual Motor Starters MU25A Series

IMO



- The MU range of manual motor starters provides both thermal and magnetic motor protection for overloads and short circuit in a single device
- Designed in accordance to **EN60947-4-1** the range offers, phase differential protection, test facility, lockable off position, internally or externally mounted auxiliary contacts, thermal rating of 6A and an IP55 moulded enclosure

Approvals include; **UL, CSA**, Conforming to **IEC** and **CENELEC** standards

Maximum rated voltage: 690V Mechanical life: 100,000 ops
 Switching frequency: 30ops/hr Electrical life: 100,000 ops
 Operating temperature: -20°C to +55°C

Dimensions: MU25A: H = 82, W = 45, D = 80
 Enclosure: H = 98, W = 80, D = 150

CTL354

Setting Range	Magnetic Trip current	Mftrs List No.	Order Code	Price Each		
				1+	5+	10+
0.4 to 0.63	7.6	MU25A0.63	320-7559			
0.63 to 1.0	12	MU25A1.0	320-7560			
1.0 to 1.6	19.2	MU25A1.6	320-7572			
1.6 to 2.5	30	MU25A2.5	320-7584			
2.5 to 4.0	48	MU25A4.0	320-7596			
4.0 to 6.3	75.6	MU25A6.3	320-7602			
6.3 to 10.0	120	MU25A10	320-7614			
10.0 to 16.0	192	MU25A16	320-7626			
16.0 to 20.0	240	MU25A20	320-7640			
20.0 to 25.0	300	MU25A25	320-7651			

Auxiliary Contact Blocks
 N/O+N/C (internal) MU25APE11 **320-7663**
 N/O+N/C (external) MU25APS11 **320-7675**
Plastic moulded enclosure
 IP55 MU25AO55 **320-7687**

DOL Starters P1M Series

IMO



H = 114, W = 89, D = 180

- A range of DOL starters in an IP65 plastic enclosure
- Supplied with Start/Stop pushbuttons
- Enclosure has 2 top and 2 bottom conduit knockouts in addition to rear knockouts
- Supplied pre-wired to accept overload
- **UL** and **CSA** approved

Ratings AC3@400V	Amps	P1MT09	P1MT16
		kW	7.5
	HP	6	11

CTL340

Coil (V ac)	Mftrs List No	Order Code	Price Each			
			1+	5+	10+	25+
4kW						
110	P1MT09110	320-7699				
230	P1MT09230	320-7705				
7.5kW						
110	P1MT16110	320-7717				
230	P1MT16230	320-7729				
Empty Starter Enclosure						
IP65	P1M	320-7730				