



- Easy access to blow-out & moving contacts
- Effortless removal of moving contacts
- Fixed & moving contacts - easy inspection and replacement

- Advantages & Benefits**
- Long Life
    - Unique steel Blow-Out design ensures quick arc quenching for long electrical endurance
    - Fixed/Moving contacts with large dia silver alloy tips ensures operational longevity
    - Encapsulated H class magnet coil withstand wide voltage range
  - Easy Maintenance
    - Field replaceable Fixed / Moving contacts
    - Easy coil replacement, when required



**ANMOL™**  
motor starter



**Anmol DOL Starter**

Robust Construction

Long Life

Easy Maintenance

# Anmol DOL Motor Starter

C&S Anmol DOL Motor Starter has been specially designed to meet & exceed rugged Indian rural conditions to provide complete protection to pumps & motors, conforming to IS 13947-4-1. It incorporates unique design 4 Pole Contactor type TC1-DX having robust molding construction, heavy duty silver alloy contacts with unique steel blow out, encapsulated H Class magnet coil withstand wide voltage fluctuation assuring superior performance. Where as thermal over load relay type LR3DM, temperature compensated, manual re-set type provides complete motor protection ensuring long trouble free life.

## Motor Starter Selection Chart

HP rating at 415V AC	Relay Range (Amp.)	Complete Unit Reference	HRC Fuse Rating	
			Slow (aM)	Fast (gL)
1.00	1.60 to 2.50	BE1-DXM204 ■ 307	4	6
2.00	2.5 to 4.0	BE1-DXM204 ■ 308	6	10
3.00	4.0 to 6.0	BE1-DXM204 ■ 310	8	16
5.00	5.5 to 8.8	BE1-DXM204 ■ 312	12	20
5.50	7.0 to 10.0	BE1-DXM204 ■ 314	12	20
7.50	10.0 to 13.0	BE1-DXM204 ■ 316	16	25
10.00	13.0 to 18.0	BE1-DXM204 ■ 321	20	32
10.00	13.0 to 18.0	BE1-DXM254 ■ 321H	20	32
15.00	18.0 to 25.0	BE1-DXM254 ■ 322	25	50

## Typical Motor Current

Motor Ratings 415V, 3ph, 50 Hz		Full Load Current (A)	
HP	KW	Squirrel Cage	Submersible Pump Motors
1.0	0.75	2.1	2.4
1.5	1.1	2.9	3.3
2.0	1.5	3.8	4.5
3.0	2.2	5.1	6.5
5.0	3.7	8.1	10.0
7.5	5.5	11.4	14.5
10	7.5	15.4	19.5

## Spares

Description	Reference
20A Complete Contact kit Comprising of 8 fixed & 4 moving contacts with springs	TASDX204
20A Contact kit 1Pole	TASDX204-1P
25A Complete Contact kit Comprising of 8 fixed & 4 moving contacts with springs	TASDX254
25A Contact kit 1Pole	TASDX254-1P
No-volt coil	TX1D20(*)
Start contact Assembly	SC09-25A
Thermal overload relay Type LR3DM	LR3DM09307~LR3DM25322

## DOL Starter Coil Voltage

Motor Starter	Voltage	
	380#	415#
BE1-DXM204~254	Q	N

# Wide operating band encapsulated coils,  
380V (operating range 240~425V) /415V (operating range 270~450V)

### How to order Starter

- Complete the code by replacing the black square (■) by the letter(s) corresponding to the Coil Voltage selected.
- Do select Coil Voltage considering the site voltage conditions for better field performance.
- Starters selection should be based on the FLC of Pump/Motor as per installation.

