



TWO POLE CONTACTOR -16, 25 & 40 A



BCH ELECTRIC LIMITED
we care for you



Power Contactor - Two Pole

BCH Electric Limited is a leading manufacturer of Industrial Control Products in India for over three decades.

BCH Electric Limited introduces an innovative product to meet the long standing need of the market for Single Phase Power Control. The Two Pole Power Contactor type "CPG" is based on the proven design of NHD Contactor that has enjoyed the confidence of customers across various segments.

Features

- Complies with IEC60947-4-1 / IS 13947-4-1.
- Compact and Robust Construction using high grade mouldings
- Weld resistant silver alloy contacts.
- Encapsulated coil for high withstand capacity.
- High Mechanical Endurance : 5 x 10⁶ operations.
- High Electrical Endurance : 1 x 10⁶ operations.
- Maximum Frequency of operation : 600 operations per hour.
- Rated Ambient Temperature : 55^o C
- Standard Coil Voltages (AC) : 24V, 48V, 110V, 220 / 240V and Wide Band 160-220 Volts.
- Auxillary Contacts : 1NO + INC or 2NO or 2NC
- Spare Coil and Contact Kit available.
- Generous Terminal Capacity.

**160-220V
Wide Band**



Characteristics

MAIN POLE CHARACTERISTICS	CPG216	CPG225	CPG240
Poles	2	2	2
Nominal Current in Amps	16	25	40
Insulation Voltage (Volts)	660	660	660
Thermal Current I _{th} in Amps	25	45	50
	kw hp le A	kw hp le A	kw hp le A
Current Ratings for Utilisation Category			
AC1, 240V AC	25	45	50
AC3, 240V AC	3 - 16	4.8 - 25	7.6 - 40
Electrical Life in Million Operations	1	1	1
Mechanical Life in Million Operations	5	5	5
Maximum Frequency of Operation	600 / hour	600 / hour	600 / hour
Ambient Temperature	up to 55° C	up to 55° C	up to 55° C
Operating Time	25 mSec	25 mSec	25 mSec
Terminal Capacity - Main	1x16 sq.mm, 2x10 sq.mm		
Operating Altitude	No deration up to 2000 m		

AUXILIARY CHARACTERISTICS			
Built in Auxiliary Contacts	Nil	Nil	Nil
Add on Auxiliary Contacts	1NO+1NC, 2NO, 2NC		
Thermal Rating I _{th} in Amps	6	6	6
AC15 Rating in Amps			
240V, 50 Hz	4	4	4
415V, 50 Hz	3	3	3
Terminal Capacity - Auxiliary	2.5 sq.mm	2.5 sq.mm	2.5 sq.mm

CONTROL CHARACTERISTICS			
Control Voltages at 50 Hz (Volts)	U-24, W- 48, A-110,H-220/240,BW - 160 to 220		
Operating Band of Coil	-30 to +10% of Single Rated Voltage		
Consumption in VA			
Pick Up	66	66	66
Sealed	13	13	13
Insulation Class of Coil	B Class	B Class	B Class

For contactor reference suffix voltage code to the catalogue number. For example, 16A Contactor with 220 / 240V coil, the reference will be CPG216H.

Accessories

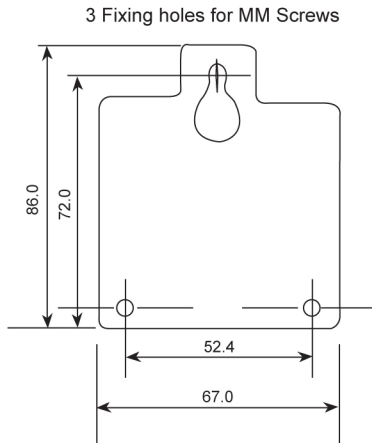
DESCRIPTION	REFERENCE
Auxiliary contact	
1NO+1NC	001CB11
2 NO	001CB20
2 NC	001CB02

Spares

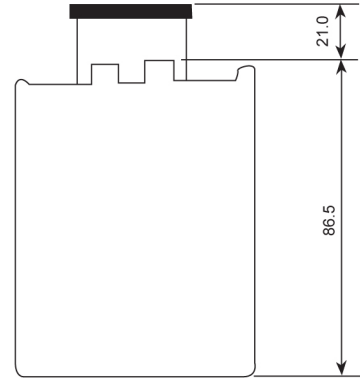
DESCRIPTION	REFERENCE
Spare Kit 16 Amps	CPG162PSP
Spare Kit 25 Amps	CPG252PSP
Spare Kit 40 Amps	CPG402PSP
Spare Magnet Coil	SP90MC*
Contact Carrier	CPG2PSPCC

* Suffix Coil Voltage

Mounting



Overall



Dimensions (in mm)