



5CR SERIES

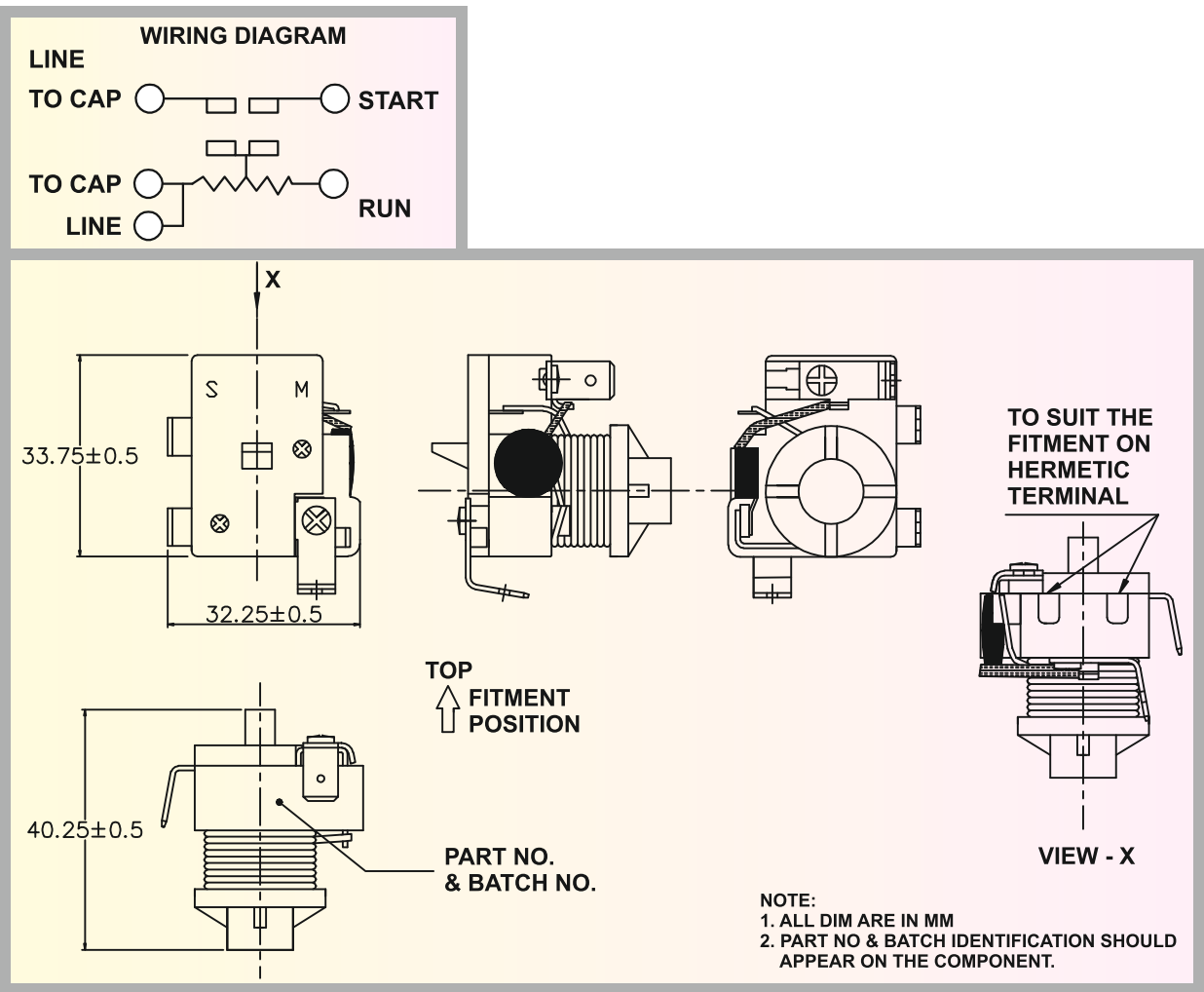
CURRENT RELAY

PRODUCT OVERVIEW

"Krishna" 5CR Series Relay is the traditional current sensitive, normally-open relay used in low horsepower, compressor motor start applications. It is available in thermoplastic material, recommended in humid environments or for frequent operations like food mixer applications. We have different types of Relays like Current Relay, Current Relay with NTC & PTC Relays.

USAGES

- Refrigeration Compressor.
- These are used in Domestic & Light to Medium Power Commercial
- Refrigeration from 1/20 HP to 1/3 HP.



PRODUCT CERTIFICATION

Agency	File Number	Standard Number
CB	HU000825-M1	IEC60730-2-10:2006 IEC60730-1:1999 +AMD1:2003

THE ETERNAL GUARDIAN FOR MOTOR PROTECTION

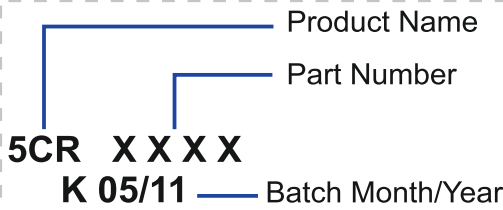
ELECTRICAL CHARACTERISTICS

- Class B coil (130 °C)
- P. U. current up to 11,55 amps
- Normally-open circuit, single pole, double break, for use on RSIR or CSIR applications.
- For Normal pollution condition (according to EN60730)
- Contact ratings.
5CR 8 amps 120/250 VAC cosø 0.9
5CRN 10 amps 120/250 VAC cosø 0.9
- Endurance: 5CR 200.000 operations
5CRN 100.000 operations.
- Ambient temperature Tmax = 80 °C

MECHANICAL CHARACTERISTICS

- Plug-in mounting directly on Glass Terminal Main and Start Ø2.28 mm standard pins.
- 6.3 mm (.250") tabs and screw terminals available.
- Compact size.

CODING AND MARKING



PICK-UP AND DROP-OUT RANGE

5CR	Max. Pick-up Amp	Min. Drop out Amp	5CR	Max. Pick-up Amp	Min. Drop out Amp
1	2,00	1,70	20	5,05	4,30
2	2,10	1,75	21	5,30	4,50
3	2,20	1,85	22	5,55	4,70
4	2,30	1,95	23	5,80	4,95
5	2,40	2,05	24	6,10	5,20
6	2,50	2,10	25	6,40	5,45
7	2,70	2,30	26	6,75	5,70
8	2,80	2,40	27	7,10	6,00
9	2,95	2,50	28	7,45	6,30
10	3,10	2,60	29	7,80	6,65
11	3,25	2,75	30	8,20	7,00
12	3,40	2,90	31	8,60	7,35
13	3,55	3,05	32	9,05	7,70
14	3,75	3,20	33	9,50	8,05
15	3,95	3,35	34	10,00	8,45
16	4,15	3,50	35	10,50	8,90
17	4,35	3,70	36	11,00	9,35
18	4,55	3,90	37	11,55	9,80
19	4,80	4,10			

For different Operating values, contact the Factory.

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