

TECHNICAL DATA SHEET

MOTOR/PUMP PROTECTION RELAY- S2 CMR-1 (with Dry Run , Overload Protection & Phase Failure)



Supply Voltage

System Supply : 100-120/220-240/380-440V AC \pm 20%, 48-63 Hz
Auxiliary Supply : 100-120/220-240VAC \pm 20%, 24V DC+10%-15%

Trip Setting (Volts)

Phase to Phase Unbalance : 50% of Motor Current (Fixed)
 Under Current (Dry Running) : 40% to 80% of set current
Overload : As per inverse time characteristics
UV / OV : N.A.

Trip Time Delay

On Phase Failure : 4 Sec \pm 1 Sec.
For Over Loading : As per Inverse Time Characteristics
 2 /5/10 Sec. (selectable)
 UV / OV / RP : N.A.

Input : From S2 CTS1
Resetting Mode : Auto / Manual
Output Contacts : 2 CO

Dimensions (mm)

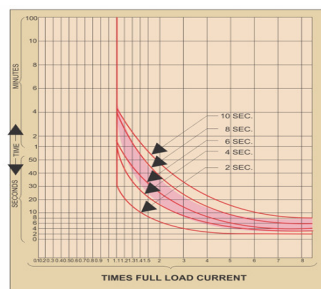
Over All (LXWXD) : 90 x 35 x 60
Mounting (L xW) : 35 MM Rail Mounting

Selection Chart For CTS

Selection Chart for CTS.

HP	KW	Amp	S2 CTS1 Model
<3	<2.25	2 - 5	S2 CTS1/5
<6	<4.5	4 - 10	S2 CTS1/10
<12.5	<9.4	8 - 20	S2 CTS1/20
<30	<22.5	16 - 40	S2 CTS1/40
<60	<45	32 - 80	S2 CTS1/80

Times full Load Current



Wherever not specified

Contact Rating: 5A @ 230 V AC (resistive) * CE marked products available on request.

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