

TECHNICAL DATA SHEET

MOTOR PROTECTION RELAY – MPRD2 (with Overload & Phase Failure)



Supply Voltage

System Supply : 100-120 / 220-240 / 380-440 V AC $\pm 20\%$
Auxiliary Supply : 110/240/380/415 V AC 24 V AC/DC $\pm 20\%$, 50 / 60 Hz

Trip Setting (Volts)

Phase to Phase Unbalance : 50% of motor Current $\pm 10\%$
Overload : Above 120% of set Current (IDMTL)

Trip Time Delay On Phase Failure For Over Loading

: 5.5 secs. ± 1.5 secs.
 : As per selectable inverse time Characteristics
 (2 secs. / 5 secs.) or 10 secs. or 15 secs. or 20 secs. (optional).

Input Resetting Mode Output Contacts

: From S2 CTS1
 : Auto / Manual / Remote
 : 1 CO (2CO)

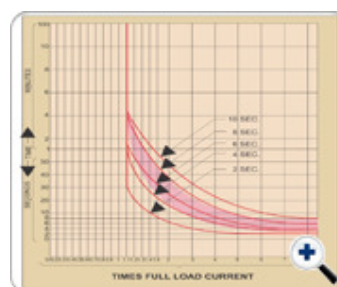
Dimensions (mm) Over All (LXWXD) Mounting (L xW)

: 76 x 30.5 x 117.5
 : 67 x 46 / 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.

Minilec India Pvt. Ltd.

S.No. 1073/1-2-3, At Post : Pirangoot, Tal : Mulshi, Dist : Pune (India), Pin : 412 111
 Tel : (020) 22922162 / 22922354-57. Fax : (020) 22922134 or (020) 25432349 / 25431573.
 Website : <http://www.minilecgroup.com> E-Mail : mkt1@minilecgroup.com