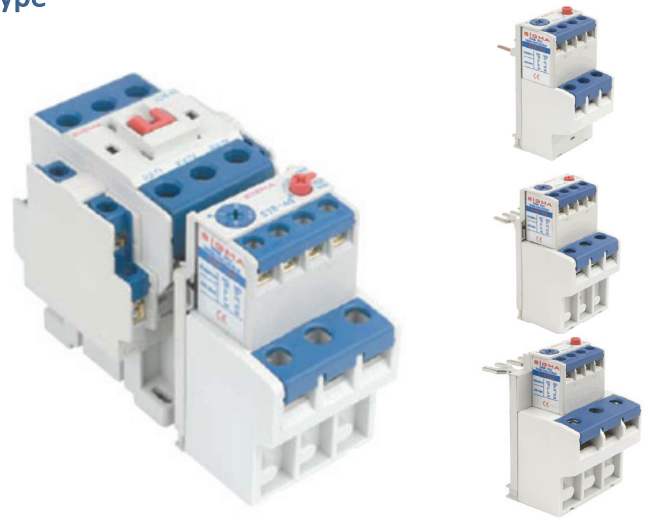


Auxiliary Contact Ratings

Type	Rated Current (A)				
	AC-15			DC-13	
	110 V	220 V	550 V	110 V	110 V
STRP-22-40-85	2.5	2	1	0.28	0.14

Thermal O/L Relay Selection According To Contactor Type

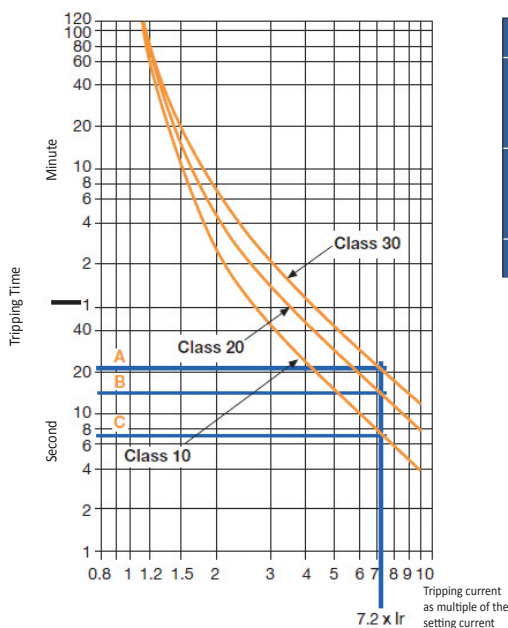
Contactor	Thermal O/L Relay
SCM-9	STRP-22
SCM-12	STRP-22
SCM-18	STRP-22
SCM-22	STRP-22
SCM-32	STRP-40
SCM-40	STRP-40
SCM-50	STRP-85
SCM-65	STRP-85
SCM-75	STRP-85
SCM-85	STRP-85



Thermal Overload Relay Tripping Classes

IEC 60947-4-1 defines tripping classes 10A, 10, 20 and 30. Types 10A, 10, etc. correspond to the maximum tripping time for a making current at 7.2 times the setting current.

Furthermore, for each class the Standard specifies the tripping time for 1.5 times the setting current and sets the non tripping condition at 1.05 times the setting current. All these data are summarized in the table below.



Tripping curves with thermal relays for different starting classes

Trip Class (IEC 947-4-1)	10 A	10	20	30
Max. Tripping Time For 1.5 Times The Setting Current (Warm State) (s)	120	240	480	720
Tripping Time For 7.2 Times The Setting Current (Cold State) (s)	2-10	4-10	6-20	9-30
For 1.05 Times the Setting Current	No Tripping			