

Thermal Overload Relays with Trip Class 20

Table for tripping time

Tripping times of thermal overload relays as a function of a multiple of the setting current from cold state (tolerance +/- 20% of the tripping time).

Setting range	Tripping times of thermal overload relays: at multiple of setting current					
	3	4	5	6	7.2	8
from ... to A A	Tripping times in sec					

Thermal overload relays TA25DU trip class 20						
1.3 ... 1.8	47.1	27	20.3	15.8	12.7	11.5
1.7 ... 2.4	43.3	25	18.9	14.4	11.9	10.4
2.2 ... 3.1	47.5	28	20.8	16	13.1	11.8
2.8 ... 4.0	45.6	27	19.8	15.3	12.5	11
3.5 ... 5.0	47.8	29	21.2	16	13.2	11.8
4.5 ... 6.5	47.4	28	20.3	15.5	12.5	11
6.0 ... 8.5	46.1	27	20	15	11.7	10
7.5 ... 11	42.3	25	17.8	14.1	10.9	10.5
10 ... 14	39.4	25	16.8	13	9.9	8.5
13 ... 19	38.1	21	13.6	10	7.4	6.2
18 ... 25	44.4	25	16.1	11	9	8
24 ... 32	44.4	27	17.7	13	9.8	8.5

Thermal overload relays TA42DU, TA75DU, TA80DU trip class 20						
18 ... 25	51.6	29	20.3	15	11.7	10
22 ... 32	67.9	38	26.9	20	14.8	12.5
29 ... 42	58.8	33	22.5	16	12.2	10.3
36 ... 52	59.9	34	22.7	16	12.3	10.5
45 ... 63	65.8	34	22.4	16	12.4	10.5
60 ... 80	71.9	35	23.4	17	13.9	12