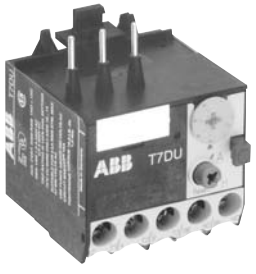
Thermal overload relays
T7DU



T7DU

Thermal overload relay — for contactors B6,B7, BC6, BC7, B6S, B7S, VB6(7), VBC6(7), VB6A(7A), VBC6A(/7A)

Setting range Amps	Catalog number	List price
0.1 – 0.16	T7DU0.16	
0.16 – 0.24	T7DU0.24	
0.24 – 0.4	T7DU0.4	
0.4 – 0.6	T7DU0.6	
0.6 – 1.0	T7DU1.0	
1.0 – 1.6	T7DU1.6	**$ 48**
1.6 – 2.4	T7DU2.4	
2.4 – 4.0	T7DU4.0	
4.0 – 6.0	T7DU6.0	
6.0 – 9.0	T7DU9.0	
9.0 – 12.0	T7DU12.0	

Loading capacity of auxiliary switches

Type			T7DU	
			N.C. 95 – 96	N.O. 97 – 98
Rated operating voltage U_e/V IEC / UL508		V	500 / 300	500 / 300
Thermal current		A	6	6
Rated operating current I_e				
	at AC-15 220/240 V	A	1.5	1.5
	at AC-15 380/415 V	A	0.7	0.5
	at AC-15 500 V	A	0.5	0.3
	at DC-15 220 V	A	0.2	0.2
Pilot duty rating		AC DC	A300 P300	A300 P300
General use		240V 600V	1.5A 0.6A	1.5A 0.6A

Thermal overload relay T7DU

Setting range	Short circuit protection (fuses, circuit breakers)				Resistance per phase	Joule losses per phase at upper current setting
	Coordination Type 2 (IEC)	Coordination Type 1(IEC)	600V, 5kA			
A – A	gL/gG A	gL/gG A	Fuse	MCCB	W	W
0.1 – 0.16	0.5	20	1	15A	62.3	1.6
0.16 – 0.24	1	20	1	15A	27	1.6
0.24 – 0.4	2	20	1	15A	11.7	1.9
0.4 – 0.6	2	20	1	15A	4.61	1.7
0.6 – 1.0	4	20	3	15A	1.66	1.7
1.0 – 1.6	6	20	6	15A	0.63	1.6
1.6 – 2.4	6	20	6	15A	0.27	1.6
2.4 – 4.0	10	20	15	15A	0.107	1.7
4.0 – 6.0	10	20	20	15A	0.049	1.8
6.0 – 9.0	10	20	35	15A	0.021	1.7
9.0 – 12.0	20	20	45	15A	0.010	1.4

Electronic overload relays
See pages 2.19 to 2.30.