

Technical Information

Control Circuit			
Rated Insulation Voltage - U_i	[V]		690 AC
Rated Insulation Strength- U_{imp}	[kV]		6 AC
Rated Operation Voltage - U_e	[V]		690 AC (IEC) / 600 AC (UL/CSA)
Rated Designation			B600
Rated Operating Current			NO NC
AC-15	12...120V	[A]	3 2
	220...240V	[A]	1.5 1.5
	380...480V	[A]	0.75 0.75
	500...600V	[A]	0.6 0.6
DC-13 at L/R 15ms	24V	[A]	1.1 1.1
	110V	[A]	0.4 0.4
	220V	[A]	0.2 0.2
	440V	[A]	0.08 0.08
Thermal Current - I_{the}			[A] 5
Contact Reliability			[kV] 17V, 5mA
Screw Terminal Cross Sections			
Terminal Screw			M3
Flexible with wire end ferrule	One conductor	[mm ²]	1 x (0.5...2.5)
	Torque	[Nm]	0.55
	Two Conductors	[mm ²]	2 x (0.25...1.5)
	Torque	[Nm]	0.55
Course stranded / solid	One conductor	[mm ²]	1 x (0.5...4)
	Torque	[Nm]	0.55
	Two conductors	[mm ²]	2 x (0.22...2.5)
	Torque	[Nm]	0.55
Stranded / Solid	One conductor	[AWG]	1 x (24...10)
	Torque	[lb-in]	5
	Two conductors	[AWG]	2 x (24...12)
	Torque	[lb-in]	5
Pozidrive Screwdriver Size			#1
Slotted Screwdriver Size			[mm] 0.6 x 3.5

Heat Dissipation	Max. Heat Dissipation [Watts]
Catalog Number	
CEP7-ED1AB or CEP7-EEAB	0.03
CEP7-ED1BB or CEP7-EEBB	0.04
CEP7-ED1_B or CEP7-EE_B (other than A or B)	0.53
CEP7-EE_D	0.73
CEP7-EE_E	0.78
CEP7-EEGF	0.87
CEP7-EE_F (other than G)	3.52
CEP7-EE_G	8.94
CEP7-EE_H	15.53
CEP7-EE_J	3.52

B
CEP7 Overloads

Table for using Current Transformers with CEP7-EECB (range 1.0...5.0 amps) overload relay

Current Setting	CT Ratio 150:5 Equivalent FLA	CT Ratio 200:5 Equivalent FLA	CT Ratio 300:5 Equivalent FLA	CT Ratio 500:5 Equivalent FLA	CT Ratio 600:5 Equivalent FLA	CT Ratio 800:5 Equivalent FLA	CT Ratio 1000:5 Equivalent FLA	CT Ratio 1500:5 Equivalent FLA
1.00	30	40	60	100	120	160	200	300
1.25	38	50	75	125	150	200	250	375
1.50	45	60	90	150	180	240	300	450
1.75	53	70	105	175	210	280	350	525
2.00	60	80	120	200	240	320	400	600
2.25	68	90	135	225	270	360	450	675
2.50	75	100	150	250	300	400	500	750
2.75	83	110	165	275	330	440	550	825
3.00	90	120	180	300	360	480	600	900
3.25	98	130	195	325	390	520	650	975
3.50	105	140	210	350	420	560	700	1050
3.75	113	150	225	375	450	600	750	1125
4.00	120	160	240	400	480	640	800	1200