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## Certificate Record

Customer	Class	File Number
Littelfuse, Inc. 8755 W. Higgins Rd, Suite 500, Chicago IL USA 60631	9073-32 (../class/?9073-32) ELECTRONIC COMPONENTS-Thermistors - PTC Type	078165_C_000

Positive temperature coefficient (PTC) thermistors for overcurrent protection.

Type	Max V Oper.	Max I Interr.	Resistance (Ohms) at 20°C		Current at 20°C		Trip Time	
			Min	Max	Max Hold	Min Trip	At Curr.	Max Sec
BBR3	90V ac	20A	0.45	0.90	0.35	1.05	1.6A	60.0
BBR550/BBRF550	99V ac	20A	0.8	1.30	0.55	1.10	1.6A	60
BBR750/BBRF750	99V ac	20A	0.40	0.75	0.75	1.50	2.0A	60
decaSMDC050/60	60V dc	10A	0.40	1.2	0.50	1.00	8A	0.1

femtoSMDC005F#*	15V dc	40A	3.80	30.0†	0.05	0.15	0.5A	0.1
femtoSMDC008F#*	12V dc	40A	2.80	14.0†	0.08	0.20	0.6A	0.1
femtoSMDC010F#*	12V dc	40A	1.70	8.00†	0.10	0.25	0.7A	0.1
femtoSMDC012F#*	9V dc	40A	1.10	5.80†	0.12	0.30	0.8A	0.1
femtoSMDC016F#*	9V dc	40A	1.00	4.20†	0.16	0.40	1.0A	0.1
femtoSMDC020F#*	9V dc	40A	0.70	3.00†	0.20	0.45	2.0A	0.1
femtoSMDC035F#*	6V dc	40A	0.28	1.00†	0.35	0.70	3.5A	0.1
IRP050R250V##,##*	250V ac	3A	5.0	11.0	0.24	0.71	1.5A	20.0
LFS175*	15V	100A	0.050	0.090	1.75	3.8	8.75A	5.0
LTP070	15	100	0.100	0.200	0.70	1.45	3.5	5.0
LTP100	24	100	0.070	0.130	1.00	2.50	5.0	7.0
LTP180	24	100	0.040	0.068	1.80	3.80	9.0	2.9
LTP190	24	100	0.030	0.057	1.90	4.20	10.0	3.0
LTP260	24	100	0.025	0.042	2.60	5.20	13.0	5.0
LTP300	24	100	0.015	0.031	3.00	6.30	15.0	4.0
LTP310	24	100	0.018	0.030	3.10	6.00	16.0	5.0
LTP340	24	100	0.016	0.027	3.40	6.80	17.0	5.0
LR4-170	15V dc	100A	0.044	0.078	1.7	3.4	8.5A	5.0
LR4-190	15V dc	100A	0.039	0.072	1.9	3.9	9.5A	5.0
LR4-200UX	15V dc	100A	0.033	0.060	2.00	4.20	10.0A	5.0
LR4-250	15V dc	100A	0.029	0.048	2.5	5.2	12.5A	5.0
LR4-260	15V dc	100A	0.020	0.042	2.6	5.8	13.0A	5.0
LR4-380	15V dc	100A	0.013	0.026	3.8	8.3	19.0A	5.0
LR4-450	20V dc	100A	0.011	0.020	4.5	8.9	22.5A	5.0
LR4-550	20V dc	100A	0.009	0.016	5.5	10.5	27.5A	5.0
LR4-470	20V dc	100A	0.010	0.018	4.7	9.4	23.5A	5.0
LR4-600	20V dc	100A	0.007	0.014	6.0	11.7	30.0A	5.0
LR4-620	16V dc	100A	0.007	0.014	6.2	11.9	36.0A	1.7
LR4-700	20V dc	100A	0.007	0.012	7.0	12.6	35A	5.0
LR4-730	20V dc	100A	0.006	0.012	7.3	14.1	30.0A	5.0
LR4-73X	20V dc	100A	0.008	0.011	7.3	14.1	30.0A	5.0
LR4-810HF	20V dc	100A	0.007	0.013	8.1	15.8	40.5A	5.0
LR4-880	20V dc	100A	0.0065	0.0105	8.8	16.0	44.0A	5.0

LR4-900	20V dc	100A	0.006	0.010	9.0	16.7	45A	5.0
LR4-970	20V dc	100A	0.0065	0.0105	9.7	17.7	48.5A	5.0
LR4-970H-C65F	20V dc	100A	0.0055	0.010	9.7	18.0	48.5A	5.0
LR4-1300	20V dc	100A	0.0035	0.0065	13.0	21.2	50A	10.0
LR4-1410	20V dc	100A	0.003	0.005	14.1	26.2	70A	5.0
LR4-1420F*	20V dc	100A	0.0026	0.0061	14.2	30.0	71A	5.0
LVR010/240##	240V ac	2A	4.8	8.5	0.10	0.26	0.5A	14.0
LVR025/240##	240V ac	5A	1.1	1.9	0.25	0.70	1.5A	22.0
LVR005N##*	240V ac/dc	1A	18.5	31.0	0.05	0.12	0.25A	10
LVR005##	240V ac/dc	1A	18.5	31.0	0.05	0.12	0.25A	15
	135V ac/dc	20A	18.5	31.0	0.05	0.12	0.25A	15
LVR008##	240V ac/dc	1.2A	7.4	12.0	0.08	0.19	0.40A	15
	135V ac/dc	20A	7.4	12.0	0.08	0.19	0.40A	15
LVR008N##*	240V ac/dc	1.2A	7.4	12.0	0.08	0.19	0.40A	10
	135V ac/dc	20A	7.4	12.0	0.08	0.19	0.40A	10
LVR012##	240V ac/dc	1.2A	3.0	6.5	0.12	0.30	0.60A	15
	135V ac/dc	20A	3.0	6.5	0.12	0.30	0.60A	15
LVR016##	240V ac/dc	2.0A	2.5	4.1	0.16	0.37	0.80A	15
	135V ac/dc	20A	2.5	4.1	0.16	0.37	0.80A	15
LVR025##	240V ac/dc	3.5A	1.3	2.1	0.25	0.56	1.25A	18.5
	135V ac/dc	20A	1.3	2.1	0.25	0.56	1.25A	18.5
LVR033##	240V ac/dc	4.5A	0.83	1.24	0.33	0.74	1.25A	18.5
	135V ac/dc	20A	0.83	1.24	0.33	0.74	1.25A	18.5
LVR040##	240V ac/dc	5.5A	0.6	0.97	0.40	0.90	2.0A	24
	135V ac/dc	20A	0.6	0.97	0.40	0.90	2.0A	24
LVR055##	240V ac/dc	7.0A	0.45	0.73	0.55	1.25	2.75A	26.0
	135V ac/dc	20A	0.45	0.73	0.55	1.25	2.75A	26.0
LVR075*	240V ac/dc	7.5A	0.316	0.483	0.75	1.5	3.75A	18
LVR100*	240V ac/dc	10.0A	0.218	0.334	1.0	2.0	5.0A	21
LVR125*	240V ac/dc	12.5A	0.165	0.253	1.25	2.5	6.25A	23
LVR135*	240V ac/dc	13.5A	0.152	0.232	1.35	2.7	6.75A	24
LVR 150*	240V ac/dc	15.0A	0.124	0.189	1.50	3.0	7.5A	25
LVR 175*	240V ac/dc	17.5A	0.103	0.158	1.75	3.5	8.75A	26
LVR 200*	240V ac/dc	20.0A	0.089	0.131	2.0	4.0	10.0A	28
LVR075##*	135V ac/dc	7.5A	0.25	0.38	0.75	1.54	3.75A	14.4
LVR0100##*	135V ac/dc	10A	0.18	0.28	1.0	1.9	5.0A	13.5

LVRL125##*	135V ac/dc	12.5A	0.11	0.22	1.25	2.5	6.25A	20.0
LVRL135##*	135V ac/dc	13.5A	0.109	0.167	1.35	2.7	6.75A	20.0
LVRL200##*	135V ac/dc	20A	0.08	0.12	2.0	4.0	10A	35.5
MGP420#* and MGP420K#*	9Vdc	50A	0.003	0.008	4.2	8.8	21A	5.0
MGP270ZRW#*	16 Vdc	10A	0.004	0.023†	2.7	6.5	8.0A	5.0
MGP540ZRW-T01#*	6V dc/ 12V dc	50A/ 30A	0.001	0.009	5.4	15.3	27.0A	5.0
MGP500#*	6Vdc	50A	0.0025	0.0065	5.0	9.2	25A	5.0
MGPC270W#*	6V dc	50A	0.006	0.020††	2.7	6.5	13.5A	4.0
MGPC300#*	6V dc	50A	0.006	0.020††	3.0	6.3	15A	2.0
MGPC300K#*	6V dc	50A	0.006	0.020††	3.0	6.3	15A	2.0
MGPC300-C315#*	6V dc	50A	0.006	0.020††	3.0	6.3	15A	2.0
MGPC330#*	6V dc	50A	0.005	0.010	3.3	7.1	16.5A	2.0
MGPC360#*	6V dc	50A	0.004	0.015††	3.6	9.0	18A	2.0
MGPC370K#*	6V dc	50A	0.005	0.008	3.7	8.5	18.5A	2.0
MGPCR370#*	6V dc	50A	0.003	0.015	3.7	10.5	18.5A	5.0
MGPR310#*	6V dc	50A	0.004	0.014	3.1	6.5	13.5A	2.0
MGPR400K	6V dc	40A	0.003	0.010	4.0	8.0	8.0	60
MHPmini-PPTC2#*	28V dc	40A	0.3	130	0.002	2.0	0.525A	4.51
micro SMD065	30V dc	10A	3.6	50.0	0.05	0.15	0.25A	1.5
microSMD005	30V dc	10A	3.6	50.0	0.05	0.15	0.25A	1.5
microSMD010	30V dc	10A	2.1	15.0	0.10	0.25	0.5A	1.0
microSMD035	6V dc	40A	0.32	1.30	0.35	0.75	8.0A	0.2
microSMD050	13.2V dc	40A	0.25	0.90	0.50	1.00	5.0A	0.1
microSMD075	6V dc	40A	0.11	0.40	0.75	1.50	5.0A	0.5
microSMD110	6V dc	40A	0.07	0.21	1.10	2.20	5.0A	1.0
microSMD150	6V dc	40A	0.04	0.11	1.50	3.00	5.0A	5.0
microSMD175	6V dc	40A	0.025	0.08	1.75	3.50	8.0A	0.8
microSMD190LR*	6V dc	50A	0.006	0.021†	1.9	4.9	9.5A	4.0
microSMD200LR	6V dc	50A	0.006	0.026†	2.0	5.0	9.5A	4.0
microSMD250LR*	6V dc	50A	0.006	0.028†	2.5	5.0	12.0A	4.0
microSMD350LR*	6V dc	50A	0.002	0.012†	3.5	9.0	12.0A	4.0
microSMD350LR-B*	6V dc	50A	0.006	0.011†	3.5	8.0	8.0A	5.0
microSMD380LR*	6V dc	50A	0.004	0.014†	3.8	8.0	8.0A	5.0

microSMD200F#*	6V dc	100A	0.02	0.06	2.0	4.0	8.0A	2.0
miniSMDC010F#*	60V dc	40A	0.70	12.70†	0.10	0.30	0.5A	5.0
miniSMDC014	60V dc	10A	1.50	6.00	0.14	0.28	8.0A	0.006
miniSMDC014F	60V dc	10A	1.50	6.00†	0.14	0.28	8.0A	0.008
miniSMDC020F*	30V dc	10A	0.60	3.30†	0.20	0.40	8.0A	0.02
miniSMDC030F#*	30V dc	40A	0.20	1.75†	0.30	0.60	8.0A	0.1
miniSMDC035	6V dc	40A	0.32	1.30	0.35	0.75	8.0A	0.20
miniSMDC050	24V dc	100A	0.15	1.00	0.50	1.00	8.0A	0.15
miniSMDC050F	24V dc	100A	0.15	1.00†	0.50	1.00	8.0A	0.15
miniSMDC075	13.2V dc	40A	0.11	0.45	0.75	1.50	8.0A	0.20
miniSMDC075/24	24V dc	40A	0.10	0.29	0.75	1.50	8.0A	0.30
miniSMDC075F/24	24V dc	40A	0.09	0.29†	0.75	1.50	8.0A	0.30
miniSMDC075F/33	33V dc	100A	0.11	0.39†	0.75	1.50	8.0A	1.0
miniSMDC100	8V dc	100A	0.04	0.21	1.10	2.20	8.0A	0.30
miniSMDC110	8V dc	40A	0.04	0.21	1.10	2.20	8.0A	0.30
miniSMDC110/16	16V dc	100A	0.04	0.21	1.10	2.20	8.0A	0.3
miniSMDC110F/16	16V dc	100A	0.06	0.18†	1.10	2.20	8.0A	0.03
miniSMDC110/24	24V dc	20A	0.06	0.23	1.10	2.20	8.0A	0.3
miniSMDC110F/24	24V dc	20A	0.06	0.18†	1.10	2.20	8.0A	0.5
miniSMDC125	6V dc	40A	0.040	0.140	1.25	2.50	8.0A	0.4
miniSMDC125/16	16V dc	100A	0.050	0.140	1.25	2.50	8.0A	0.4
miniSMDC150	6V dc	40A	0.035	0.110	1.50	3.00	8.0A	0.4
miniSMDC150/12	12V dc	100A	0.040	0.110	1.50	3.00	8.0A	0.5
miniSMDC 150F/16*	16V dc	100A	0.040	0.110	1.5	2.8	8A	0.5
miniSMDC150/24	24V dc	20A	0.04	0.12	1.50	3.00	8.0A	1.5
miniSMDC150F/24	24V dc	20A	0.04	0.12†	1.50	3.00	8.0A	1.5
miniSMDC160	9V dc	100A	0.03	0.10	1.60	3.20	8.0A	1.0
miniSMDC190LR*	6V dc	100A	0.008	0.025†	1.90	5.38	8A	5.0
miniSMDC190LR*	6V dc	100A	0.008	0.025†	1.90	5.38	8A	5.0
miniSMDC200	8V dc	100A	0.020	0.070	2.00	4.00	8.0A	5.0
miniSMDC200F	8V dc	100A	0.020	0.070†	2.00	4.00	8.0A	5.0
miniSMDC260	6V dc	100A	0.015	0.043	2.6	5.0	8.0A	7.0
miniSMDC260F	6V dc	100A	0.015	0.043	2.6	5.0	8.0A	5.0
miniSMDC260/12	12V dc	100A	0.015	0.055	2.6	5.0	8.0A	7.0
miniSMDC260/13.2*	13.2V dc	100A	0.015	0.047	2.6	5.0	8A	5.0

miniSMDC260F/16*	16V dc	100A	0.015	0.05†	2.6	5.0	8.0A	5.0
miniSMDC300F#*	6V dc	100A	0.011	0.036†	3.0	6.0	8.0A	5.0
miniSMDC350LR*	6V dc	50A	0.006	0.021†	3.5	8.0	8.0A	4.0
miniSMD020	30V dc	10A	0.80	5.00	0.20	0.40	8.0A	0.02
miniSMD050	15V dc	40A	0.15	1.00	0.50	1.00	8.0A	0.15
miniSMD075	13.2V dc	40A	0.11	0.45	0.75	1.50	8.0A	0.20
miniSMDE190	16V dc	100A	0.024	0.080	1.90	3.80	10.0A	2.0
miniSMDM075	13.2V dc	40A	0.110	0.300	0.75	1.5	8.0A	0.2
miniSMDM075/24#	24V dc	40A	0.09	0.29	0.75	1.5	8.0A	0.3
miniSMDM110/16	16V dc	40A	0.060	0.180	1.10	1.95	8.0A	0.5
miniSMDM110	8V dc	40A	0.060	0.180	1.1	2.0	8.0A	0.3
miniSMDM150/24	24V dc	20A	0.04	0.12	1.5	3.0	8.0A	1.5
miniSMDM150/33#	33V dc	20A	0.036	0.110	1.50	2.70	8.0A	1.5
miniSMDM160	8V dc	40A	0.033	0.099	1.6	2.8	8.0A	2.0
miniSMDM200#	8V dc	40A	0.020	0.060	2.0	3.50	8.0A	3.0
miniSMDM260	6V dc	40A	0.010	0.043	2.6	4.55	8.0A	6.0
MLP270#*	6V dc/12V dc	50A/10A	0.004	0.010	2.7	7.8	13.5A	5.0
MLP370#*	6V dc	50A	0.004	0.009	3.7	9.6	18.5A	5.0
MLPC270#	6V dc	50A	0.006	0.011	2.7	6.8	13.5	2.0
MXP180#*	6V dc	50A	0.007	0.014	1.8	5.2	9.0A	5.0
MXP190#	6V dc	50A	0.009	0.014	1.9	4.9	9.5A	2.0
MXP250K#*	6V dc	50A	0.006	0.016	2.5	6.2	13.5A	2.0
MXPW250#*	6V dc	50A	0.004	0.014	2.5	6.2	13.5A	2.0
MXP270#*	6V dc	50A	0.006	0.015	2.7	6.2	13.5A	2.0
MXP310K#*	6Vdc	50A	0.004	0.014	3.1	6.5	13.5A	2.0
MXP310KJ#*	6Vdc	50A	0.004	0.014	3.1	6.5	13.5A	2.0
MXP350#	6V dc	50A	0.003	0.011	3.5	8.1	17.5A	2.0
MXP350K#*	6V dc	50A	0.003	0.012	3.5	9.0	17.5A	5.0
MXP370#	6V dc	50A	0.004	0.010	3.7	9.0	18.5A	5.0
MXPR250#*	6V dc	50A	0.004	0.014	2.5	6.2	13.5A	2.0
MXPR310#*	6V dc	50A	0.004	0.014	3.1	6.5	13.5A	2.0
MXPW310K#*	6V dc	50A	0.004	0.014	3.1	6.5	13.5A	2.0
MXP370ZRW#	6V dc	40A	0.002	0.017	3.7	9.6	18.5A	5.0
nanoSMD175LR*	6V dc	50A	0.008	0.034†	1.75	4.5	9.5A	4.0
nanoSMD200LR*	6V dc	50A	0.006	0.024†	2.0	5.0	9.5A	0.7

nanoSMD270LR*	6V dc	50A	0.004	0.022†††	2.7	6.3	8.0A	5.0
nanoSMD350LR*	6V dc	50A	0.004	0.018†	3.5	6.3	8.0A	5.0
nanoSMD500LR	6V dc	50A	0.002	0.008	5.0	10	25A	2.0
nanoSMDC012#	48V dc	10A	1.4	6.5	0.12	0.30	1.0A	0.2
nanoSMDC016#	48V dc	10A	1.1	5.0	0.16	0.40	1.0A	0.3
nanoSMDC020#	24V dc	100A	1.2	3.8	0.20	0.42	8.0A	0.1
nanoSMDC020F#	24V dc	100A	0.65	3.1†	0.20	0.42	8.0A	0.1
nanoSMDC025F#	16V dc	100A	0.40	2.10†	0.25	0.58	8.0A	0.1
nanoSMDC035#	16V dc	20A	0.45	1.40	0.35	0.75	3.5A	0.1
nanoSMDC050/ 13.2#	13.2V dc	100A	0.20	0.80	0.5	1.1	8.0A	0.1
nanoSMDC075#	6V dc	100A	0.110	0.400	0.75	1.50	8.0A	0.1
nanoSMDC075F#*	6V dc	100A	0.09	0.30†	0.75	1.50	8.0A	0.1
nanoSMDC110	6V dc	100A	0.06	0.20	1.10	2.20	8.0A	0.1
nanoSMDC110F	6V dc	100A	0.07	0.20	1.10	2.20	8.0A	0.1
nanoSMDC125#	6V dc	100A	0.05	0.14	1.25	2.5	8.0A	0.2
nanoSMDC150#	6V dc	100A	0.04	0.11	1.50	3.0	8A	0.3
nanoSMDC160#	6V dc	100A	0.035	0.095	1.60	3.20	8A	0.3
nanoSMDC200#*	6V dc	100A	0.02	0.06	2.0	4.0	8A	1.5
nanoSMDC300LR#*	6V dc	50A	0.005	0.025†	3.0	6.0	8A	2.0
nanoSMDCH110F#	6V dc	40A	0.07	0.21†	1.10	2.20	8.0A	1.0
nanoSMDCH110F#	6V dc	40A	0.07	0.21†	1.10	2.20	8.0A	1.0
nanoSMDM050/ 13.2#	13.2V dc	40A	0.15	0.70	0.50	1.0	8A	0.1
nanoSMDM075#	6V dc	40A	0.10	0.29	0.75	1.5	8A	0.2
nanoSMDM100#	6V dc	40A	0.06	0.21	1.00	1.8	8A	0.3
nanoSMDM012#	30V dc	10A	1.5	6.0	0.125	0.29	1.0A	0.2
nanoSMDM016#	30V dc	10A	1.2	4.5	0.16	0.37	1.0A	0.3
nanoSMDM020#	24V dc	10A	0.65	2.60	0.20	0.46	1.0A	0.6
picoSMD035F*	6V dc	20A	0.42	1.40	0.35	0.75	3.5A	0.1
picoSMDC010S*#	15V dc	100A	1.5A	11.0†	0.10	0.30	0.5A	0.6
picoSMDC012S	15V dc	100A	1.5A	9.0	0.12	0.30	1.0A	0.1
picoSMDC020S*#	9V dc	100A	0.75	3.20†	0.20	0.47	2.0A	0.1
picoSMDC035S*#	6V dc	100A	0.35	1.40†	0.35	0.75	3.5A	0.1
picoSMDC050S	6V dc	100A	0.15	0.80	0.50	1.00	8.0A	0.1

picoSMDC075S#*	6V dc	40A	0.10	0.35†	0.75	1.50	8.0A	0.3
PSR23198	60	3A	4.0	7.0	0.160	0.640	1.0A	7.0
PSR23200	60	10A	0.8	2.0	0.180	0.540	5.0A	0.65
PSR23528	60	3A	14.0	20.0	0.080	0.240	0.35A	3.0
PSR23686	60	10A	0.8	3.0	0.180	0.540	5.0	0.65
PSR23836	16	100A	0.028	0.078	3.00	5.00	8.0A	10.0
PSR-23897	15	40A	0.017	0.033	1.5	4.0	7.5A	5.0
PSR23935	60	3A	6.0	9.0	0.160	0.64	1.0	5.0
PSR24062	60	3A	9.0	10.0	0.130	0.260	1.0	2.5
PSR24063	13.2V dc	40A	0.11	0.45	0.75	1.50	8.0A	0.20
PSR24251#	16	100A	0.022	0.053	2.50	4.70	12.5A	5.0
PSR24380#	6	100A	0.011	0.018	2.7	6.5	13.5	5.0
PSR24432	13.2V dc	40A	0.04	0.21	1.10	2.20	8.0A	0.30
PSR-24466	15	40A	0.015	0.030	2.8	6.4	15A	5.0
PSR24515	60	3A	4.0	8.0	0.16	0.64	1.0A	7.0
PSR24395	8	50A	0.018	0.034	3.0	6.2	15.0A	5.0
PSR24557	12	100A	0.018	0.030	3.1	6.1	15.5A	5.0
PSR-24535	15	40A	0.013	0.025	2.5	6.3	12.5A	5.0
PSR24655#	12	100A	0.016	0.023	2.5	5.2	7A	10.0
PSR24693#	12	100A	0.016	0.023	2.5	5.2	7A	10.0
PSR24669	6	100A	0.02	0.10	1.60	3.20	8.0A	1.0
PSR24782##	240V ac	2A	4.0	9.0	0.10	0.25	0.5A	14.0
PSR24883	60	3A	6.5	8.0	0.16	0.64	1.0A	7.0
PSR-24659#	6V dc	20A	0.15	0.70	0.50	1.0	8A	0.1
PSR-24660#	6V dc	20A	0.10	0.29	0.75	1.5	8A	0.2
PSR-24661#	6V dc	20A	0.06	0.21	1.00	1.8	8A	0.3
PSR-24690	250V dc	3A	1.5	7.0	0.25	0.50	3A	4.0
PSR-24770	15V dc	40A	0.015	0.027	2.2	5.0	11A	5.0
PSR-25002	15V	40A	0.009	0.018	2.8	6.8	14A	5.0
PSR25022#	16	100A	0.038	0.0975	2.5	4.25	12.5A	1.2
PSR25115	60	3A	4.0	12.0	0.15	0.40	3A	0.55
PSR25105	60	3A	0.80	3.0	0.17	0.64	3A	2.0



PSR-25091#	16V dc/ 32V dc	100A/ 5A	0.017	0.026	2.1	4.7	10.0A/ 5.0A	5.0/ 13.0
PSR-25330#	16	100A	0.029	0.051	1.5	3.2	7.5A	5.0
PSR-25365	12V dc	100A	0.017	0.031	1.7	4.1	8.5A	5.0
PSR-25338-X1*	100	3A	0.8	1.5	0.18	0.685	3A	1.8
PSR-25393	15V dc	40A	0.006	0.014	2.8	7.2	14A	5.0
PSR-25129#	16V dc	100A	0.029	0.051	1.5	3.2	7.5A	5.0
PSR-25468#	16	100A	0.038	0.062	1.4	3.2	7.0A	5.0
PSR-25579	12V dc	100A	0.017	0.031	1.7	4.1	8.5A	5.0
PSR-25593	30	40A	0.07	0.10	1.1	2.2	5.5A	6.6
PSR-25594	30	40A	0.04	0.08	1.35	2.70	6.75A	7.3
PSR-25750#	16	60A	0.030	0.050	1.75	3.5	8.75A	5.0
PSR-25595	30	40A	0.03	0.06	1.85	3.70	9.25A	8.7
PSR-25600H2*	100	10A	0.8	2.4	0.184	0.650	3.0A	2.0
PSR-25608#	16	100A	0.029	0.051	1.5	3.2	7.5A	5.0
PSR-25632#	16	100A	0.029	0.045	1.2	2.8	6.0A	5.0
PSR-25701#	16	100A	0.018	0.030	2.10	4.70	10.0A	5.0
PSR-25710#	30	40A	0.48	0.78	0.50	0.92	2.5A	2.5
PSR-25708#	16	100A	0.030	0.040	1.80	3.90	6.0A	5.0
PSR-25757#	12	100A	0.018	0.032	1.50	4.30	7.5A	5.0
PSR-25846#	16	60A	0.012	0.019	1.8	4.1	8.0A	5.0
PSR-25857A#*	12V dc	100A	0.017	0.031	1.75	4.2	8.75A	5.0
PSR-25982#	13.2	100A	0.20	0.80	0.50	1.10	8.0A	0.1
PSR-26053#	16	100A	0.029	0.051	1.75	3.6	8.75A	5.0
PSR-26194#	12	100A	0.018	0.032	1.5	4.3	7.5A	5.0
PSR-26155#	16	60A	0.017	0.029	1.5	3.6	7.5A	5.0
PSR-26476	15	40A	0.016	0.032	2.2	5.2	11A	5.0
PSR-26503*	60	3A	4.0	7.0	0.130	0.260	1.0A	3.0
PSR-26558*	12V dc	100A	0.018	0.032	1.5	4.3	7.5A	5.0
PSR-26627#	12V dc	100A	0.017	0.031	1.75	4.2	8.75A	5.0
PSR-26647*	15	100A	0.050	0.090	1.75	3.8	8.75A	5.0
PSR-26658#*	12	60A	0.018	0.034	1.9	4.7	12.0A	5.0
PSR-26695-3#*	12V dc	100A	0.018	0.032	1.5	4.3	7.5A	5.0

PSR-26719	60	3A	6.5	14.0	0.15	0.30	1.0A	3.0
PSR-26720	60	3A	5.0	12.0	0.15	0.35	1.0A	4.0
PSR-26861*	60V dc	3A	0.6	1.4	0.160	1.0	3A	8.0
PSR-27186*	250 V dc	3A	6.0	10.0	0.150	0.300	1.0A	4.0
PSR-27313-010#*	15V dc	100A	2.5	11.0	0.10	0.30	0.5A	1.0
PSR-27313-012#*	15V dc	100A	2.00	9.00†	0.12	0.30	1A	0.2
PSR-27313-020#*	9V dc	100A	0.65	3.20†	0.20	0.45	2A	0.1
PSR-27313-035#*	6V dc	100A	0.42	1.40†	0.35	0.75	3.5A	0.1
PSR-27313-050#*	6V dc	40A	0.15	0.70†	0.50	1.00	8A	0.1
PSR-27313-110#*	6V dc	40A	0.05	0.16	1.10	2.00	8A	0.1
PSR-27561#*	6V dc	50A	0.007	0.015	1.9	4.9	9.5A	2.0
PSR-27623-020#*	9V dc	100A	0.71	3.20†	0.20	0.45	1A	1.0
PSR-27623-050#*	6V dc	100A	0.15	0.60†	0.5	1.0	5A	0.1
PSR-27627#*	16V dc	60A	0.012	0.019	1.8	4.1	9.0A	5.0
PSR-27673#*	16V dc	60A	0.012	0.018	2.7	6.5	13.5A	5.0
PSR-27679*	15V dc	100A	0.020	0.042	2.6	5.8	13.0A	5.0
PSR-27721*	15V dc	40A	0.009	0.017	2.8	7.2	14.0A	5.0
PSR-27829*	60V dc	10A	1.50	6.00†	0.14	0.28	8.0A	0.008
PSR-27830*	24V dc	100A	0.15	1.00†	0.50	1.00	8.0A	0.15
PSR-27831*	24V dc	40A	0.09	0.29†	0.75	1.50	8.0A	0.30
PSR-27832*	16V dc	100A	0.06	0.18†	1.10	2.20	8.0A	0.3
PSR-27833*	24V dc	20A	0.04	0.12†	1.50	3.00	8.0A	1.5
PSR-28016*	15V dc	40A	0.008	0.017	2.8	5.5	14A	5.0
PSR-28048#*	6V dc	50A	0.004	0.010	3.7	9.0	18.5A	5.0
PSR-28120*	6V dc	50A	0.004	0.010†††	4.0	8.0	8.0A	5.0
PSR-28217*	6V dc	40A	0.002	0.012	4.0	8.0	8.0	60
PSR-28275	8V dc	100A	0.020	0.070†	2.00	4.00	8.0A	5.0
PSR-28293*	6Vdc	50A	0.0085	0.020†††	2.7	5.5	9.5A	5.0
PSR-28343*	24V dc	20A	0.06	0.18†	1.10	2.20	8.0A	0.5
PSR-28462#*	6V dc	50A	0.004	0.010	3.1	7.0	15.5A	3.0
PSR-28492	6V dc	50A	0.002	0.008	5.0	10	25A	2.0
PSR-28494#*	24V dc	100A	0.65	3.1†	0.20	0.42	8.0A	0.1
PSR-28498#*	6V dc	100A	0.09	0.30†	0.75	1.50	8.0A	0.1
PSR-28502#*	6V dc	50A	0.0025	0.0065	5.0	9.2	25A	5.0
PSR-28506#*	6V dc	50A	0.005	0.025†	3.5	7.0	8A	5.0
PSR-28507#*	6V dc	50A	0.006	0.015	2.7	6.2	13.5A	2.0
PSR-28542	6V dc	50A	0.002	0.008	5.0	10	25A	2.0

PSR-28558#*	6V dc	50A	0.001	0.01†	7.0	14.0	35.0A	0.5
RFS	15	40A	0.09	0.48	1.0	3.0	8.0A	5.0
RGE250#, RGEF250#*	16	100A	0.022	0.053	2.50	4.70	12.5A	5.0
RGE300#	16	100A	0.038	0.0975	3.0	5.1	15.0A	1.0
RGEF300#*	16	100A	0.038	0.098	3.0	5.1	15.0A	1.0
RGE400#, RGEF400#*	16	100A	0.021	0.060	4.0	6.8	20.0A	1.7
RGE500#, RGEF500#*	16	100A	0.015	0.034	5.0	8.5	25.0A	2.0
RGE600#, RGEF600#*	16	100A	0.010	0.028	6.0	10.2	30.0A	3.3
RGE700#	16	100A	0.0077	0.020	7.0	11.9	35.0A	3.5
RGEF700#*	16	100A	0.008	0.020	7.0	11.9	35.0A	3.5
RGE800#	16	100A	0.0056	0.0175	8.0	13.6	40.0A	5.0
RGEF800#*	16	100A	0.006	0.018	8.0	13.6	40.0A	5.0
RGE900#	16	100A	0.0047	0.0135	9.0	15.3	45.0A	5.5
RGEF900#*	16	100A	0.005	0.014	9.0	15.3	45.0A	5.5
RGE1000#	16	100A	0.004	0.0102	10.0	17.0	50.0A	6.0
RGEF1000#*	16	100A	0.004	0.010	10.0	17.0	50.0A	6.0
RGE1100#	16	100A	0.0037	0.0089	11.0	18.7	60.0A	7.0
RGEF1100#*	16	100A	0.004	0.009	11.0	18.7	60.0A	7.0
RGE1200#	16	100A	0.0033	0.0086	12.0	20.4	60.0A	7.5
RGEF1200#*	16	100A	0.003	0.009	12.0	20.4	60.0A	7.5
RGE1400#	16	100A	0.0026	0.0064	14.0	23.8	70.0A	9.0
RGEF1400#*	16	100A	0.003	0.006	14.0	23.8	70.0A	9.0
RHE050#, RHEF050#*	30	40A	0.48	0.78	0.50	0.92	2.5A	2.5
RHE070#, RHEF070#*	30	40A	0.3	0.8	0.70	1.40	3.5A	2.5
RHE100#, RHEF100#*	30	40A	0.18	0.30	1.0	1.8	5.0A	5.2
RHE200#, RHEF200#*	16	100A	0.045	0.074	2.0	3.8	10.0A	4.3
RHEF300#*	16	100A	0.033	0.053	3.0	6.0	15.0A	5.0
RHE400#, RHEF400#*	16	100A	0.024	0.040	4.0	7.5	20A	5.0
RHEF410#*	16	100A	0.024	0.040	4.1	8.0	20.5A	5.0
RHE450#, RHEF450#*	16	100A	0.022	0.054	4.5	7.8	22.5A	3.0
RHEF550#*	16	100A	0.015	0.025	5.5	10.0	27.5A	6.0
RHE600#, RHEF600#*	16	100A	0.013	0.032	6.0	10.8	30.0A	5.0
RHE650#, RHEF650#*	16	100A	0.011	0.026	6.5	12.0	32.5A	5.5

RHEF700#*	16	100A	0.010	0.0164	7.0	13.0	35A	7.0
RHE750#	16	100A	0.0094	0.022	7.5	13.1	37.5A	7.0
RHEF750#*	16	100A	0.009	0.022	7.5	13.1	37.5A	7.0
RHEF800#*	16	100A	0.008	0.0135	8.0	15.0	40A	8.0
RHE 900#, RHEF900#*	16	100A	0.0074	0.012	9.0	16.5	45A	10.0
RHE1000#	16	100A	0.0062	0.015	10.0	18.5	50A	9.0
RHEF1000#*	16	100A	0.006	0.015	10.0	18.5	50A	9.0
RHEF1100#*	16	100A	0.0055	0.009	11.0	20.0	55A	11.0
RHE1300#	16	100A	0.0041	0.010	13.0	24.0	65A	13.0
RHEF1300#*	16	100A	0.004	0.010	13.0	24.0	65A	13.0
RHEF1400#*	16	100A	0.003	0.006	14.0	27.0	70A	13.0
RHE1500#	16	100A	0.0032	0.0092	15.0	28.0	75A	20.0
RHEF1500#*	16	100A	0.003	0.009	15.0	28.0	75A	20.0
RKEF050*	60	40A	0.32	0.529	0.5	1.0	8.0A	0.8
RKEF065*	60	40A	0.25	0.45	0.65	1.3	8.0A	1.0
RKEF075*	60	40A	0.20	0.39	0.75	1.5	8.0A	1.5
RKEF090*	60	40A	0.19	0.32	0.90	1.8	8.0A	2.0
RKEF110*	60	40A	0.17	0.28	1.1	2.2	8.0A	3.0
RKEF135*	60	40A	0.11	0.22	1.35	2.7	8.0A	4.5
RKEF160*	60	40A	0.10	0.20	1.6	3.2	8.0A	9.0
RKEF185*	60	40A	0.06	0.152	1.85	3.7	9.25A	12.6
RKEF250*	60	40A	0.04	0.085	2.5	5.0	12.5A	15.6
RFEF300*	60	40A	0.03	0.05	3.0	6.0	15A	19.8
RKEF375*	60	40A	0.017	0.04	3.75	7.5	18.75A	22.0
RKEF400*	60	40A	0.014	0.038	4.0	8.0	20A	24.0
RKEF500*	60	40A	0.012	0.03	5.0	10.0	25A	28.0
RTCOT75I100*	6V dc	100A	0.020	0.065	1.50	3.00	8.0A	0.5
RTE120	33	40A	0.074	0.120	1.20	2.30	6.0A	3.0
RTEF120*	33	40A	0.074	0.120	1.20	2.30	6.0A	3.0
RTE135	33	40A	0.059	0.100	1.35	2.50	6.75A	4.5
RTEF135*	33	40A	0.059	0.100	1.35	2.50	6.75A	4.5
RTE190	33	40A	0.045	0.063	1.90	3.00	9.5A	3.5

RTEF190*	33	40A	0.045	0.063	1.90	3.00	9.5A	3.5
RUEF090	30V dc 30V ac	100Adc 70A ac	0.07	0.12	0.90	1.80	4.5A	5.9
RUEF090*	30V dc 30V ac	100Adc 70A ac	0.07	0.12	0.90	1.80	4.5A	5.9
RUE110	30V dc 30V ac	100Adc 70A ac	0.07	0.10	1.10	2.20	5.5A	6.6
RUEF110*	30V dc 30V ac	100Adc 70A ac	0.07	0.10	1.10	2.20	5.5A	6.6
RUE135	30V dc 30V ac	100Adc 70A ac	0.04	0.08	1.35	2.70	6.75	7.3
RUEF135*	30V dc 30V ac	100Adc 70A ac	0.04	0.08	1.35	2.70	6.75	7.3
RUE160	30V dc 30V ac	100Adc 70A ac	0.03	0.07	1.60	3.20	8.0A	8.0
RUEF160*	30V dc 30V ac	100Adc 70A ac	0.03	0.07	1.60	3.20	8.0A	8.0
RUE185	30V dc 30V ac	100Adc 70A ac	0.03	0.06	1.85	3.70	9.25A	8.7
RUEF185*	30V dc 30V ac	100Adc 70A ac	0.03	0.06	1.85	3.70	9.25A	8.7
RUE230	30	40A	0.02	0.04	2.30	4.60	11.5A	9.8
RUE250	30V dc 30V ac	100Adc 70A ac	0.02	0.04	2.50	5.00	12.5A	10.3
RUEF250*	30V dc 30V ac	100Adc 70A ac	0.02	0.04	2.50	5.00	12.5A	10.3
RUE250U	30	40A	0.031	0.044	2.50	4.90	8A	5.0
RUEF250U*	30V dc	100A	0.031	0.044	2.50	4.90	8A	5.0
RUE300	30V dc 30V ac	100Adc 70A ac	0.02	0.05	3.00	6.00	15.0A	10.8
RUEF300*	30V dc 30V ac	100Adc 70A ac	0.02	0.05	3.00	6.00	15.0A	10.8
RUEF300U*	30V dc	100A	0.03	0.048	3.00	6.00	8.0A	7.0
RUE400	30V dc 30V ac	100Adc 70A ac	0.01	0.03	4.00	8.00	20.0A	12.7
RUEF400*	30V dc 30V ac	100Adc 70A ac	0.01	0.03	4.00	8.00	20.0A	12.7
RUE500	30V dc 30V ac	100Adc 70A ac	0.01	0.03	5.00	10.00	25.0A	14.5

RUEF500*	30V dc 30V ac	100Adc 70A ac	0.01	0.03	5.00	10.00	25.0A	14.5
RUE600	30V dc 30V ac	100Adc 70A ac	0.005	0.02	6.00	12.00	30.0A	16.0
RUEF600*	30V dc 30V ac	100Adc 70A ac	0.005	0.02	6.00	12.00	30.0A	16.0
RUE700	30V dc 30V ac	100Adc 70A ac	0.005	0.02	7.00	14.00	35.0A	17.5
RUEF700*	30V dc 30V ac	100Adc 70A ac	0.005	0.02	7.00	14.00	35.0A	17.5
RUE800	30V dc 30V ac	100Adc 70A ac	0.005	0.013	8.00	16.00	40.0A	18.8
RUEF800*	30V dc 30V ac	100Adc 70A ac	0.005	0.013	8.00	16.00	40.0A	18.8
RUE900	30V dc 30V ac	100Adc 70A ac	0.005	0.01	9.00	18.00	45.0A	20.0
RUEF900*	30V dc 30V ac	100Adc 70A ac	0.005	0.01	9.00	18.00	45.0A	20.0
RUSB075	6	40A	0.11	0.14	0.75	1.3	8A	0.4
RUSBF075*	6	40A	0.11	0.14	0.75	1.3	8A	0.4
RUSB120	6	40A	0.065	0.080	1.2	2	8A	0.5
RUSBF120*	6	40A	0.065	0.080	1.2	2	8A	0.5
RUSB155	6	40A	0.043	0.10	1.55	2.65	7.75A	2.2
RUSBF155*	6	40A	0.043	0.10	1.55	2.65	7.75A	2.2
RUSB090	16	40A	0.07	0.18	0.9	1.8	8A	1.2
RUSBF090*	16	40A	0.07	0.18	0.9	1.8	8A	1.2
RUSB110	16	40A	0.05	0.14	1.1	2.2	8A	2.3
RUSBF110*	16	40A	0.05	0.14	1.1	2.2	8A	2.3
RUSB135	16	40A	0.04	0.115	1.35	2.7	8A	4.5
RUSBF135*	16	40A	0.04	0.115	1.35	2.7	8A	4.5
RUSB160	16	40A	0.03	0.11	1.6	3.2	8A	9
RUSBF160*	16	40A	0.03	0.11	1.6	3.2	8A	9
RUSB185	16	40A	0.03	0.085	1.85	3.7	8A	10
RUSBF185*	16	40A	0.03	0.085	1.85	3.7	8A	10
RUSB250	16	40A	0.02	0.06	2.5	5.0	8A	40

RUSBF250*	16	40A	0.02	0.06	2.5	5.0	8A	40
RXE005, RXEF005*	60	40A	7.3	11.1	0.05	0.10	0.5A	5.0
RXE010, RXEF010*	60	40A	2.50	4.50	0.10	0.20	0.5A	4.0
RXE017, RXEF017*	60	40A	3.30	5.21	0.17	0.34	0.85A	3.0
RXE020, RXEF020*	72 ac/dc	40A	1.83	2.75	0.20	0.40	1.0A	2.2
RXE025, RXEF025*	72 ac/dc	40A	1.25	1.95	0.25	0.50	1.25A	2.5
RXE030, RXEF030*	72 ac/dc	40A	0.88	1.33	0.30	0.60	1.5A	3.0
RXE040, RXEF040*	72 ac/dc	40A	0.55	0.86	0.40	0.80	2.0A	3.8
RXE050, RXEF050*	72 ac/dc	40A	0.50	0.77	0.50	1.00	2.5A	4.0
RXE065, RXEF065*	72 ac/dc	40A	0.31	0.48	0.65	1.30	3.25A	5.3
RXE075, RXEF075*	72 ac/dc	40A	0.25	0.40	0.75	1.50	3.75A	6.3
RXE090, RXEF090*	72 ac/dc	40A	0.20	0.31	0.90	1.80	4.5A	7.2
RXE110, RXEF110*	72 ac/dc	40A	0.15	0.25	1.10	2.20	5.5A	8.2
RXE135, RXEF135*	72 ac/dc	40A	0.12	0.19	1.35	2.70	6.75A	9.6
RXE160, RXEF160*	72 ac/dc	40A	0.09	0.14	1.60	3.20	8.0A	11.4
RXE185, RXEF185*	72 ac/dc	40A	0.08	0.12	1.85	3.70	9.25A	12.6
RXE250, RXEF250*	72 ac/dc	40A	0.05	0.08	2.50	5.00	12.5A	15.6
RXE300, RXEF300*	72 ac/dc	40A	0.04	0.06	3.00	6.00	15.0A	19.8
RXE375, RXEF375*	72 ac/dc	40A	0.03	0.05	3.75	7.50	18.75A	24.0
SMD030	60	10A	1.2	2.4	0.3	0.6	1.5A	3.0
SMD030-2018	60	20A	0.50	2.30	0.30	0.80	1.5A	1.5
SMD050	60	10A	0.35	0.7	0.5	1.0	2.5A	4.0
SMD050-2018	57	10A	0.20	1.0	0.55	1.20	2.5A	5.0
SMD075	30	40A	0.35	0.5	0.75	1.5	8.0A	0.3
SMD075/60	60	10A	0.35	1.0	0.75	1.5	8.0A	0.3
SMD100	30	40A	0.12	0.24	1.1	2.2	8.0A	0.5
SMD100/33	33	40A	0.120	0.220	1.10	2.20	8.0A	0.5
SMD100-2018	15	40A	0.10	0.16	1.1	2.2	8.0A	0.5
SMD125	15	40A	0.07	0.14	1.25	2.5	8.0A	2.0
SMD150	15	40A	0.06	0.12	1.5	3.0	8.0A	5.0
SMD150/30	30	40A	0.08	0.12	1.5	3.0	8.0A	5.0
SMD150/33	33	40A	0.080	0.115	1.50	3.00	8.0A	5.0

SMD150F/33-2920	33	40A	0.080	0.23†	1.50	3.00	8.0A	5.0
SMD150-2018	15	40A	0.07	0.100	1.5	3.0	8.0A	1.0
SMD150-2018	12	60A	0.07	0.100	1.5	3.0	8.0A	1.0
SMD150-2018	5	125A	0.07	0.100	1.5	3.0	8.0A	1.0
SMD185	33	40A	0.065	0.085	1.8	3.6	8.0A	5.0
SMD200	15	40A	0.05	0.08	2.0	4.0	8.0A	12.0
SMD200-2018	6	40A	0.0475	0.1	2	4.2	8.0A	3.0
SMD200F/24-2920	24Vdc	40A	0.050	0.125†	2.0	4.0	8.0A	5.0
SMD250	15	40A	0.045	0.065	2.5	5.0	8.0A	25.0
SMD250F/15-2920*	15Vdc	40A	0.035	0.085†	2.5	5.0	830A	10.0
SMD260	6	40A	0.025	0.075	2.6	5.2	8.0A	50.0
SMD300	6	40A	0.015	0.048	3.0	6.0	8.0A	35.0
SMDC185F/33#	33V dc	40A	0.050	0.165†	1.85	3.60	8.0A	5.0
SMDC200F/24#	24Vdc	50A	0.030	0.090†	2.0	4.0	8.0A	6.0
SMDC300F/24#	24V dc	40A	0.015	0.072†	3.0	6.0	8.0A	5.0
SMDC310F/18#	18Vdc	50A	0.013	0.036†	3.10	6.0	8.0A	25.0
SMDC700LR#*	6V dc	50A	0.001	0.01†	7.0	14.0	35.0A	0.5
SMDH120*	16	50A	0.150	0.340†	1.20	2.30	8.0A	2.0
SMDH160*	16	70A	0.050	0.150†	1.60	3.20	8.0A	15.0
SRP120	15	100A	0.085	0.160	1.2	2.7	6.0A	5.0
SRP130	15	100A	0.075	0.120	1.3	2.8	5.0A	5.0
SRP150	15	100A	0.050	0.090	1.5	3.3	10.0A	3.0
SRP175	15	100A	0.050	0.090	1.75	3.8	8.75A	5.0
SRP200	30	100A	0.030	0.060	2.0	4.4	10.0A	4.0
SRP350	30	100A	0.017	0.031	3.5	6.3	20.0A	3.0
SRP420	30	100A	0.012	0.024	4.2	7.6	20.0A	6.0
TAC100-1212	15	50A	0.080	0.14	1.0	2.4	5.0A	5.0
TAC170-09	15	50A	0.050	0.098	1.7	3.7	8.5A	5.0
TAC210	15	50A	0.035	0.062	2.1	4.7	10.5A	5.0
TR250-080	60	3A	15.0	22.0	0.080	0.240	0.35A	3.0
TRF250-080T*	60	3A	15.0	22.0	0.080	0.160	0.35A	4.0
TR250-080U	60	3A	14.0	20.0	0.080	0.240	0.35A	3.0
TRF250-080U*	60	3A	14.0	20.0	0.080	0.160	0.35A	4.0
TR250-090	60	3A	11.0	20.0	0.090	0.360	1.0A	0.6



TR250-110U	60	3A	5.0	9.0	0.110	0.440	1.0A	0.75
TRF250-110U*	60	3A	5.0	9.0	0.110	0.220	1.0A	1.2
TR250-120	60	3A	4.0	8.0	0.120	0.480	1.0A	1.5
TR250-120U	60	3A	6.0	10.0	0.120	0.480	1.0A	1.0
TR250-145	60	3A	3.0	6.0	0.145	0.580	1.0A	2.5
TRF250-145*	60	3A	3.0	6.0	0.145	0.290	1.0A	5.0
TR250-145U	60	3A	3.5	6.5	0.145	0.580	1.0A	2.0
TR250-180U	60	10A	0.8	2.0	0.180	0.540	5.0A	0.65
TRF250-120*	60	3A	4.0	8.0	0.120	0.240	1.0A	2.5
TRF250-120U*	60	3A	6.0	10.0	0.120	0.240	1.0A	2.0
TRF250-145U*	60	3A	3.5	6.5	0.145	0.290	1.0A	4.0
TRF250-180*	100	10A	0.8	2.2	0.18	0.64	3.0A	2.0
TRF250-183*	100	10A	0.8	2.0	0.183	0.685	3A	1.8
TRF250-183U*	100	10A	0.8	2.0	0.183	0.685	3A	1.8
TRF250-184*	100	10A	0.8	2.4	0.184	0.650	3.0A	2.0
TRF600-150*	250	3A	4.0	10	0.15	0.30	3.0A	0.5
TRF600-250*	250 Vac	3A	1.0	7.0††	0.25	0.850	3.0A	10
TRF600-400*	60V dc	3A	0.95	1.45	0.400	1.0	3.0A	10.0
TRH600-150	60	3A	6.0	12.0	0.150	0.600	1.0A	5.0
TR600-150	60	3A	6.0	12.0	0.150	0.600	1.0A	5.0
TR600-150Q	60	3A	6.0	12.0	0.150	0.600	1.0A	5.0
TRH600-160	60	3A	4.0	10.0	0.160	0.640	1.0A	7.0
TR600-160, TRF600-160* 250V dc		3A	4.0	10.0	0.160	0.640	1.0A	18.0
TR600-160Q	60	3A	4.0	10.0	0.160	0.640	1.0A	7.0
TRW250-180	60	3A	0.8	2.0	0.180	0.500	1.0A	20
TRW600-160	250V dc	3A	4.0	10.0	0.160	0.640	1.0A	18.0
TS250-130	60	3A	6.5	12.0	0.130	0.260	1.0A	2.5
TSL250-080	80	3A	5.0	11.0	0.08	0.24	1A	8.0
TSV250-130	60	3A	4.0	7.0	0.130	0.30	1.0A	2.0
TS600-170	60	3A	4.0	9.0	0.170	0.680	1.0A	12.0
TS600-200	60	3A	4.0	7.5	0.200	0.800	1.0A	12.0
TS600-400F*	60	3A	0.50	2.0	0.40	1.0	3A	14.0

TSM600-150	250V dc	3A	5.5	10.0	0.15	0.60	3.0A	0.8
TSM600-250	250V dc	3A	1.0	7.0	0.25	0.50	3.0A	6.0
VLP120#*	16	60A	0.039	0.067	1.2	3.6	7.0A	5.0
VLP175#	16	60A	0.023	0.041	1.75	3.9	8.75A	5.0
VLP190#	16	60A	0.021	0.036	1.9	4.7	9.5A	5.0
VLP200UW-C48F#*	16	60A	0.018	0.0285	2.0	4.7	10.0A	5.0
VLP210#	16	60A	0.018	0.030	2.1	5.0	10.5A	5
VLP220#	16	60A	0.017	0.029	2.2	5.3	11.0A	5
VLP220N-C30F#	16	60A	0.017	0.029	2.2	5.3	11.0A	5
VLP270#	16	60A	0.012	0.018	2.7	6.5	13.5A	5
VLP270UW-C42F#*	16	60A	0.012	0.018	2.70	6.50	13.5A	5.0
VLPW280#*	16	60A	0.008	0.015	2.8	7.6	15.0A	5
VLR110#	12	100A	0.038	0.070	1.1	2.9	5.5A	5
VLR150#	12	100A	0.018	0.032	1.5	4.3	7.5A	5
VLR170#	12	100A	0.018	0.032	1.70	4.10	8.5A	5.0
VLR170U-C30F#*	12	100A	0.018	0.032	1.70	4.10	8.5A	5.0
VLR175#	12	100A	0.017	0.031	1.75	4.2	8.75A	5.0
VLR230#	12	100A	0.012	0.018	2.3	5.0	10A	5.0
VSM-N001#	16V dc	60A	0.018	0.032	2.2	5.3	11.0A	5.0
VSM-N002#	16V dc	60A	0.018	0.032	2.2	5.3	11.0A	5.0
VSM-N003#	16V dc	60A	0.018	0.032	2.2	5.3	11.0A	5.0
VSM-N004#	16V dc	60A	0.018	0.032	2.2	5.3	9.0A	5.0
VSM-N005#*	16V dc	60A	0.019	0.035	2.0	4.9	9.0A	5.0
VSM-N006#*	16V dc	60A	0.019	0.035	2.0	4.9	9.0A	5.0
VTP110#	16	100A	0.038	0.070	1.10	2.70	7.0A	5.0
VTP140#	16	100A	0.038	0.062	1.4	3.2	7.0A	5.0
VTP145#	16	100A	0.030	0.052	1.45	3.1	7.25A	5.0
VTP150#	16	100A	0.029	0.051	1.5	3.2	7.5A	5.0
VTP160#	16	100A	0.032	0.057	1.6	3.3	8A	5.0
VTP170#	16	100A	0.030	0.052	1.70	3.40	8.5A	5.0
VTP175#	16	100A	0.029	0.051	1.75	3.60	8.75A	5.0
	16	100A	0.029	0.051	1.75	3.60	8.75A	5.0

VTP175LF PSR25616#									
VTP200#	16	100A	0.022	0.039	2.00	4.70	10.0A	5.0	
VTP200X#	16	100A	0.022	0.039	2.00	4.70	10.0A	5.0	
VTP210#	16	100A	0.018	0.030	2.10	4.70	10.0A	5.0	
VTP210U-C3.6X16.7F#	16	100A	0.018	0.030	2.10	4.80	8.0A	5.0	
VTP210-PSR24908#	12	50A	0.017	0.032	2.10	4.80	10.5A	5.0	
VTP240#	16	100A	0.014	0.026	2.40	5.90	12.0A	5.0	

## Notes:

1. The CSA Component Acceptance Mark may appear on the device package.
2. Maximum circuit voltage and applied fault current are to be limited on the application per the rated max V and max I.
3. In the tripped state, device temperature is maintained at approx 125C.
4. Series TR600 Types TRF600-150, TRF600-160, TRF600-250, TRF600-400, TRH600, TRW600-160, PSR23198, PSR23935, PSR24515, PSR24883, PSR25115, PSR-26861 and PSR-27186 are intended for telecom network protection in: (a) Information Technology Products, C22. 2 No 60950, (overheating test to be performed in product) (b) Audio Video Equipment, C22. 2 No 60065 (Fire Hazard Test to be performed in product).
5. One or more suffixes may be added to the part number to denote a different lead configuration, different lead length, different lead plating, different shipping packaging method, different resistance range, different resistance matching, absence of a tape wrap and/or chip aspect ratio. Lead-free solder is indicated by the letter "F" anywhere in the model number. Halogen free is indicated by the letter "H" which can appear anywhere in the model number.
6. The thermistors comply with IEC 60730-1, Ed 3, Clauses 12, 15, 16, 17, J15 and J17 for Type 2 controls (PTC thermistor type) and IEC 60950-1, Ed. 1, Clause 2.5.
7. Catalogue numbers shown by # are rated at 25C.
8. Catalogue numbers shown by ## are for mains voltage use. The dielectric strength test is conducted at 500V ac. Body is not relied on for insulation.
9. Catalogue numbers shown by \* are Pb-free.
10. Models LVR005, LVR008, LVR012 are for use in circuits having a minimum series resistance of 10 ohms. Models LVR016, LVR025 and LVR033 are for use in circuits having a minimum series resistance of 5 ohms.
11. For Models VSM-N001, VSM-N002, VSM-N003, VSM-N004 and VSH-N005 only the PTC thermistor on the circuit board of these models has been tested and the other components have not been evaluated.
12. "†" indicates maximum resistance measured 1 hour after reflow.
13. "††" indicates maximum one-hour post-trip resistance
14. "†††" indicates maximum resistance measured 24 hours after reflow.
15. The model/part numbers on the shipping label may have all in upper case letters, all in lower case letters, or a mix of both.

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