

Thermistor-type Devices - Component

COMPANY

MURATA MFG CO LTD

THERMISTOR AND VARIABLE PRODUCTS DEPT
2288 OSHINOHARA
YASU-SHI, Shiga 520-2393 Japan

E137188

PTC current limiters

Model No.	Current						Class	CA
	Voltage (V)	I _h (mA)	I _t (mA)	I _{max} (A)	I _{sc} (A)	T _{moa} (°C)		
PRG03BC101*****	15 Vdc	19	45	0.174	0.174	85	C1	1(65), 2, 3, 4, #
PRG18BB101*****	40 Vdc	21	45	0.5	0.5	85	C1	1(85), 2, 3, 4, #
PRG18BB221*****	60 Vdc	14	29	0.35	0.35	85	C1	1(85), 2, 4, #
PRG18BB330*****	24 Vdc	36	71	0.91	0.91	85	C1	1(85), 2, 3, 4, #
PRG18BB470*****	32 Vdc	29	61	0.86	0.86	85	C1	1(85), 2, 3, 4, #
PRG18BB471*****	90 Vdc	10	21	0.24	0.24	85	C1	1(90), 2, 4, #
PRG18BC680*****	63 Vdc	32	70	1.16	1.16	85	C1	1(115), 2, 4, #
PRG18BC470*****	60 Vdc	39	85	1.6	1.6	85	C1	1(115), 2, 4, #
PRG18BC330*****	60 Vdc	46	100	2.28	2.28	85	C1	1(115), 2, 4, #
PRG18BC220*****	40 Vdc	58	122	2.28	2.28	85	C1	1(115), 2, 4, #
PRG18BC150*****	36 Vdc	70	150	3	3	85	C1	1(115), 2, 4, #
PRG18BC100*****	32 Vdc	86	180	4	4	85	C1	1(115), 2, 4, #
PRG18BC1R0*****	6 Vdc	330	740	7.5	7.5	85	C2	1(98.5), 2, 4, #
PRG18BC2R2*****	12 Vdc	220	500	6.82	6.82	85	C2	1(115), 2, 4, #
PRG18BC3R3*****	16 Vdc	180	400	6.07	6.07	85	C2	1(120), 2, 4, #
PRG18BC4R7*****	20 Vdc	155	330	5.32	5.32	85	C2	1(125), 2, 4, #
PRG18BC6R8*****	24 Vdc	120	260	4.42	4.42	85	C2	1(125), 2, 4, #
PRG21AR220*****	16 Vdc	75	195	0.91	0.91	105	C2	1(125), 2, 4, #
PRG21AR420*****	20 Vdc	54	102	0.6	0.6	105	C2	1(125), 2, 4, #
PRG21AR4R7*****	16 Vdc	205	390	4.26	4.26	105	C2	1(125), 2, 4, #

PRG21AR3R3*****	16 Vdc	250	485	4.07	4.07	105	C2	1(137), 2, 4, #
PRG21BB150*****	20 Vdc	59	116	1.67	1.67	85	C3	1(125), 2, 4, #
PRG21BB220*****	20 Vdc	44	91	1.14	1.14	85	C3	1(125), 2, 4, #
PRG21BC220*****	63 Vdc	66	145	2.39	2.39	85	C3	1(120), 2, 4, #
PRG21BC150*****	60 Vdc	85	187	3.41	3.41	85	C3	1(120), 2, 4, #
PRG21BC100*****	50 Vdc	100	220	6.25	6.25	85	C3	1(120), 2, 4, #
PRG21BC0R2*****	9 Vdc	750	1620	56.3	56.3	85	C2	1(159), 2, 4, #
PRG21BC0R4*****	12 Vdc	523	1148	37.5	37.5	85	C2	1(150), 2, 4, #
PRG21BC0R6*****	13.2 Vdc	420	920	27.5	27.5	85	C2	1(150), 2, 4, #
PRG21BC0R8*****	16 Vdc	370	810	25	25	85	C2	1(145), 2, 4, #
PRG21BC1R0*****	16 Vdc	330	740	20	20	85	C2	1(145), 2, 4, #
PRG21BC2R2*****	30 Vdc	220	500	17.1	17.1	85	C2	1(140), 2, 4, #
PRG21BC1R5*****	18 Vdc	270	600	15	15	85	C2	1(145), 2, 4, #
PRG21BC3R3*****	30 Vdc	180	400	11.4	11.4	85	C2	1(140), 2, 4, #
PRG21BC4R7*****	32 Vdc	155	330	8.52	8.52	85	C2	1(140), 2, 4, #
PRG21BC6R8*****	33 Vdc	120	260	6.07	6.07	85	C1	1(148), 2, 4, #
PRG15BC101*****	60 Vdc	22	42	0.75	0.75	85	C1	1(89), 2, 4, #
PRG15BC680*****	45 Vdc	26	52	0.83	0.83	85	C2	1(89), 2, 4, #
PRG15BC470*****	36 Vdc	32	62	0.96	0.96	85	C2	1(89), 2, 4, #
PRG15BC330*****	30 Vdc	38	73	1.14	1.14	85	C2	1(89), 2, 4, #
PRG15BC220*****	24 Vdc	43	90	1.37	1.37	85	C2	1(89), 2, 4, #
PRG15BC180*****	24 Vdc	47	98	1.67	1.67	85	C2	1(89), 2, 4, #
RG15BC4R7*****	9 Vdc	91	172	2.40	2.40	85	C2	1(89), 2, 4, #
PRG15BC3R3*****	9 Vdc	110	205	3.41	3.41	85	C2	1(89), 2, 4, #
PRG15BC2R2*****	6 Vdc	134	252	3.41	3.41	85	C2	1(81), 2, 4, #
PRG03BC181*****	20 Vdc	14	36	0.097	0.097	85	C1	1(74),2,3,4, #
PTGL07AM1R0M1B5+++	12	650	1400	5	200	85	C1	1(179), 2, 4, #
PTH63H01AR4R7M140, PTGL18AR4R7M6C****	140	430	810	2	200	60	C1	1(149), 2, 4, #
PTH631H01AR5R6M140, PTGL16AR5R6M6C****	140	390	730	2	200	60	C1	1(149), 2, 4, #
PTH622H01AR6R8M140, PTGL13AR6R8M6C****	140	300	560	1	200	60	C1	1(149), 2, 4, #
PTH623H01AR100M140, PTGL12AR100M6C****	140	250	470	1	200	60	C1	1(149), 2, 4, #

PTH624H01AR150M140, PTGL10AR150M6C****	140	180	340	1	200	60	C1	1(149), 2, 4, #
PTH61H01AR220M140, PTGL09AR220M6C****	140	130	300	1	200	60	C1	1(149), 2, 4, #
PTH60H01AR330M140, PTGL07AR330M6A****	140	90	200	0.5	200	60	C1	1(138), 2, 4, #
PTH59H02AR181M265, PTGL05AR181M9N****	265	29	70	0.3	200	60	C1	1(121), 2, 4, #
PTH59H02AR121M265, PTGL05AR121M9N****	265	35	85	0.3	200	60	C1	1(146), 2, 4, #
PTH60H02AR820M265, PTGL07AR820M9A****	265	60	150	0.5	200	60	C1	1(146), 2, 4, #
PTH60H02AR560M265, PTGL07AR560M9A****	265	80	190	0.8	200	60	C1	1(146), 2, 4, #
PTH61H02AR390M265, PTGL09AR390M9C****	265	100	240	1.2	200	60	C1	1(146), 2, 4, #
PTH623H02AR270M265, PTGL12AR270M9C****	265	150	360	1.5	200	60	C1	1(146), 2, 4, #
PTH62H02AR180M265, PTGL14AR180M9C****	265	180	440	1.8	200	60	C1	1(155), 2, 4, #
PTH63H02AR120M265, PTGL18AR120M9C****	265	255	610	2	200	60	C1	1(155), 2, 4, #
PTH59A01AR181M2B450	125	20	80	0.3	200	60	C1	1(114), 2, 4, #
PTH60G01AR8R2M1H211	56	90	390	0.8	200	60	C1	1(131), 2, 4, #
PTH60G14AR220M056, PTGL07AR220M3P****	56	60	250	0.8	200	60	C1	1(131), 2, 4, #
PTH60G31AR8R2M, PTGL07AR8R2M3P****	56	95	390	0.8	200	60	C1	1(131), 2, 4, #
PTH60G31AR8R2MT2	56	95	250	0.8	200	60	C1	1(131), 2, 4, #
PTH61AR220M2B231	125	110	390	0.8	200	60	C1	1(131), 2, 4, #
PTH61G01AR4R7M056	56	210	390	1.5	200	60	C1	1(139), 2, 4, #
PTH61G06AR150M056	56	120	400	0.8	200	60	C1	1(131), 2, 4, #
PTH61G25AR4R7M	56	220	880	1.5	200	60	C1	1(131), 2, 4, #
PTH61G25AR4R7MT2, PTGL09AR4R7M3B****	56	220	500	1.5	200	60	C1	1(139), 2, 4, #
PTH61G31AR3R9M, PTGL09AR3R9M3P****	50	140	880	2	200	60	C1	1(139), 2, 4, #
PTH61G31AR3R9MT2	50	140	880	2	200	60	C1	1(145), 2, 4, #
PTH61G33AR3R9M, PTGL09AR3R9M3B****	50	200	650	2	200	60	C1	1(145), 2, 4, #

PTH61G33AR3R9MT2	50	200	650	2	200	60	C1	1(145), 2, 4, #
PTH62AR100M2B371, PTGL14AR100M6C****	125	180	930	1.2	200	60	C1	1(139), 2, 4, #
PTH623AR150M2B291, PTGL12AR150M6 B****	125	140	930	1	200	60	C1	1(139), 2, 4, #
PTH62G01AR3R3M056	56	300	750	2	200	60	C1	1(149), 2, 4, #
PTH624G01AR3R9M1H361, PTGL10AR3R9M3P****	56	160	700	1.5	200	60	C1	1(139), 2, 4, #
PTH624G06AR3R9M1H551, PTGL10AR3R9M3B****	56	240	1240	1.5	200	60	C1	1(139), 2, 4, #
PTH624G13AR3R9M1H361	56	160	650	1.5	200	60	C1	1(139), 2, 4, #
PTH63AR6R8M2B491, PTGL18AR6R8M6C****	125	330	1250	1.4	200	60	C1	1(131), 2, 4, #
PTH59G25BD102M300, PTGL05BD102M9N****	300	4.5	20	0.2	200	60	C1	1(106), 2, 4, #
PTH8L-BC8R0	125	70	600	0.6Arms.	200	60	C1	1(156), 2, 4, #
PTH8L-BC120, PTGL12BC120N0P****	250	55	500	0.6Arms.	200	60	C1	1(156), 2, 4, #
PTH8L-BC220	250	40	400	0.6Arms.	200	60	C1	1(156), 2, 4, #
PTH8L-BC390	250	30	300	0.6Arms.	200	60	C1	1(156), 2, 4, #
PTH8Z-BC8R0, PTGE10BC8R0****	125	70	600	0.6Arms.	200	60	C1	1(156), 2, 4, #
PTH8Z-BC120, PTGE10BC120****	250	55	500	0.6Arms.	200	60	C1	1(156), 2, 4, #
PTH8Z-BC220, PTGE07BC220****	250	40	400	0.6Arms.	200	60	C1	1(156), 2, 4, #
PTH8Z-BC390, PTGE09BC390****	250	30	300	0.6Arms.	200	60	C1	1(156), 2, 4, #
PDG87AR220MB2++	60	120	200	3.0	3.0	60	C1	1(132), 2, 4, ##

**** - may be provided with 5 suffices of any combination letter "A~Z" and/or "0~9", and/or blank, and/or alpha-numeric character. Denotes different packing method or customer code, not related to rating.

PTC current limiters

Model No.	Voltage (V)		Current (A)				T _{moa} (°C)	Class	CA
	V _{max}	V _r	I _h (mA)	I _t (mA)	I _{max} (A)	I _{sc} (A)			
PTGL07AS251*****	280 ac/dc	240 ac/dc	45	85	0.9	1000	85	C1	1 (147.3), 2, 4, #
PTGL16AS220H*	280 ac	240 ac	155	445	8.7	1000	85	C1	1 (157.8), 2, 4, #

PTGL16AS400H*	280 ac	240 ac	125	405	4.8	1000	85	C1	1 (157.8), 2, 4, #
PTGL16AS820H*	280 ac	240 ac	85	310	2.3	1000	85	C1	1 (157.8), 2, 4, #
PTGL16AS101H*	280 ac	240 ac	75	270	1.9	1000	85	C1	1(148.1), 2, 4, #
PTGL20AS150H*	280 ac	240 ac	235	685	12	1000	85	C1	1(163.8), 2, 4, #
PTGL20AS220H*	280 ac	240 ac	190	520	8.7	1000	85	C1	1(163.8), 2, 4, #
PTGL20AS400H*	280 ac	240 ac	145	465	4.8	1000	85	C1	1(163.8), 2, 4, #
PTGL20AS680H*	280 ac	240 ac	110	400	3.3	1000	85	C1	1(152.8), 2, 4, #
PTGL20AS820H*	280 ac	240 ac	100	330	2.3	1000	85	C1	1(152.8), 2, 4, #
PTGL20AS101H*	280 ac	240 ac	90	290	1.9	1000	85	C1	1(151.3), 2, 4, #

PTC current limiters

Model No.	Vmax (ac)	Isc (A)	I _{max} (A)	I _{hold} (mA)	Resist @ 25°C (ohms)	I _{trip} (mA)#	T _{moa} (°C)	Class	CA
PTH8LS8BCR15M1N510, PTGLS8BCR15M1B****, PTH8LS8BCR15M1N550	6	14.5	10	500	0.15	3000	25	C1	1(117), 2, 4, #
PTH8L12ARR23N1C510, PTGL12ARR23N1C****, PTH8L12ARR23N1C550	16	8.05	7	1200	0.3	3250	25	C3	1(150), 2, 4, #
PTH8L09BD2R2N2B510, PTGL09BD2R2N2B****, PTH8L09BD2R2N2B550	24	2.63	2.0	180	2.2	710	25	C1	1(118), 2, 4, #
PTH8L09BD3R3N2B510, PTGL09BD3R3N2B****, PTH8L09BD3R3N2B550	24	3.11	2.0	140	3.3	580	25	C1	1(118), 2, 4, #
PTH8L09BD4R7N2B510, PTGL09BD4R7N2B****, PTH8L09BD4R7N2B550	24	4.07	2.0	120	4.7	500	25	C1	1(118), 2, 4, #
PTH8L07BD6R8N2B510, PTGL07BD6R8N2B****, PTH8L07BD6R8N2B550	24	7.59	2.0	90	6.8	370	25	C1	1(118), 2, 4, #
PTH8L07BD100N2B510, PTGL07BD100N2B****, PTH8L07BD100N2B550	24	12.0	2.0	80	10	320	25	C1	1(96), 2, 4, #
PTH8L04AR130H2B510, PTGL04AR130H2B****, PTH8L04AR130H2B550	30	1.13	0.7	145	13	400	25	C1	1(132), 2, 4, #
PTH8L07AR4R6H2B510, PTGL07AR4R6H2B****, PTH8L07AR4R6H2B550	30	1.24	1.0	250	4.6	700	25	C1	1(150), 2, 4, #

PTH8L09AR1R8H2B510, PTGL09AR1R8H2B****, PTH8L09AR1R8H2B550	30	3.87	3.0	410	1.8	1120	25	C1	1(150), 2, 4, #
PTH8L12AR1R2H2B510, PTGL12AR1R2H2B****, PTH8L12AR1R2H2B550	30	5.48	4.3	520	1.2	1420	25	C1	1(150), 2, 4, #
PTH8L12AR1R2M2A630, PTGL12AR1R2M2A****	30	3.50	3.0	570	1.2	1360	25	C1	1(150), 2, 4, #
PTH8L07BD150N3B510, PTGL07BD150N3B****, PTH8L07BD150N3B550	32	1.75	1.5	60	15	240	25	C1	1(94), 2, 4, #
PTH8L07BD220N3B510, PTGL07BD220N3B****, PTH8L07BD220N3B550	32	200	1.5	45	22	200	25	C1	1(147), 2, 4, #
PTH8L07BD330N3B510, PTGL07BD330N3B****, PTH8L07BD330N3B550	32	200	1.5	40	33	170	25	C1	1(147), 2, 4, #
PTH8L07BD470N3B510, PTGL07BD470N3B****, PTH8L07BD470N3B550	32	200	1.5	30	47	140	25	C1	1(147), 2, 4, #
PTH8L09AR3R9M3P510, PTGL09AR3R9M3P****, PTH8L09AR3R9M3P550	50	2.46	2.0	190	3.9	520	25	C1	1(97), 2, 4, #
PTH8L07AR220M3B530, PTGL07AR220M3N****	56	1.28	0.8	85	22	200	25	C1	1(130), 2, 4, #
PTH8L07AR8R2M3N530, PTGL07AR8R2M3N****	56	0.93	0.8	130	8.2	310	25	C1	1(135), 2, 4, #
PTH8L09AR150M3B530, PTGL09AR150M3B****	56	1.08	0.8	170	15	400	25	C1	1(135), 2, 4, #
PTH8L09AR4R7M3C630, PTGL09AR4R7M3C****	56	1.77	1.5	295	4.7	700	25	C1	1(135), 2, 4, #
PTH8L10AR3R9M3N530, PTGL10AR3R9M3N****	56	1.71	1.5	220	3.9	520	25	C1	1(135), 2, 4, #
PTH8L10AR3R9M3N630	56	1.71	1.5	220	3.9	520	25	C1	1(135), 2, 4, #
PTH8L10AR3R9M3C630, PTGL10AR3R9M3C****	56	1.71	1.5	340	3.9	800	25	C1	1(135), 2, 4, #
PTH8L14AR3R3M3C030, PTGL14AR3R3M3C****	56	2.33	2.0	420	3.9	990	25	C1	1(135), 2, 4, #
PTH8L09AR4R7M3C650, PTGL09AR4R7M3C****	56	1.77	1.5	295	4.7	700	25	C1	1(135), 2, 4, #
PTH8L07AR250H4B510, PTH8L07AR250H4B550	80	1.64	1.0	110	25	300	25	C1	1(117), 2, 4, #
PTH8L05AR181M7N330, PTGL05AR181M7N****	125	0.62	0.3	27	180	65	25	C1	1(130), 2, 4, #

PTH8L07AR330M6B506, PTGL07AR330M6B****, PTH8L07AR330M6B590	140	0.58	0.5	105	33	240	25	C1	1(146), 2, 4, #
PTH8L09AR220M6B506, PTGL09AR220M6B****, PTH8L09AR220M6B590	140	1.23	1.0	135	22	340	25	C1	1(146), 2, 4, #
PTH8L10AR150M6B506, PTGL10AR150M6B****, PTH8L10AR150M6B590	140	1.15	1.0	165	15	390	25	C1	1(137), 2, 4, #
PTH8L09AR390N0B506, PTGL09AR390N0B****, PTH8L09AR390N0B590	250	0.68	0.6	100	39	280	25	C1	1(145), 2, 4, #
PTH8L07BB220N0B506, PTGL07BB220N0B****, PTH8L07BB220N0B590	250	0.53	0.5	90	22	340	25	C1	1(156), 2, 4, #
PTH8L10BB120N0G506, PTGL10BB120N0P****, PTH8L10BB120N0G590	250	0.62	0.6	90	12	390	25	C1	1(156), 2, 4, #
PTH8L05AR151H8P506, PTGL05AR151H8P****, PTH8L05AR151H8P590	265	0.23	0.2	28	150	78	25	C1	1(125), 2, 4, #
PTH8L07AR700H8B506, PTGL07AR700H8B****, PTH8L07AR700H8B590	265	0.46	0.4	66	70	185	25	C1	1(140), 2, 4, #
PTH8L07AR650H8B506, PTGL07AR650H8B****, PTH8L07AR650H8B590	265	1.44	1.0	68	65	190	25	C1	1(140), 2, 4, #
PTH8L07AR450H8B506, PTGL07AR450H8B****, PTH8L07AR450H8B590	265	1.27	1.0	80	45	220	25	C1	1(140), 2, 4, #
PTH8L09AR250H8B506, PTGL09AR250H8B****, PTH8L09AR250H8B590	265	1.13	1.0	118	25	330	25	C1	1(140), 2, 4, #
PTH8L05AR181M9B506, PTGL05AR181M9P****, PTH8L05AR181M9B590	265	0.04	0.3	29	180	70	25	C1	1(140), 2, 4, #
PTH8L05AR121M9B506, PTGL05AR121M9P****, PTH8L05AR121M9B590	265	0.36	0.3	35	120	85	25	C1	1(140), 2, 4, #
PTH8L07AR820M9B506, PTGL07AR820M9B****, PTH8L07AR820M9B590	265	0.61	0.5	65	82	160	25	C1	1(140), 2, 4, #
PTH8L07AR560M9B506, PTGL07AR560M9B****, PTH8L07AR560M9B590	265	1.00	0.8	85	56	200	25	C1	1(140), 2, 4, #

PTH8L09AR390M9B506, PTGL09AR390M9B****, PTH8L09AR390M9B590	265	1.52	1.2	100	39	240	25	C1	1(140), 2, 4, #
PTGL12AR150H8B****	265 Vac	200	1.5	165	15	460	25	C1	1(120), 4
PTGL12AR150H8B****	265 Vdc	200	1.5	165	15	460	25	C1	1(120), 4
PTGL13AR100H8B****	265 Vac	200	2.2	200	10	560	25	C1	1(120), 4
PTGL13AR100H8B****	265 Vdc	200	2.2	200	10	560	25	C1	1(120), 4
PTGL18AR6R0H8B****	265 Vac	300	4.1	300	6	830	25	C1	1(120), 4
PTGL18AR6R0H8B****	265 Vdc	300	4.1	300	6	830	25	C1	1(120), 4
PTGL04AS100K2N****, PTGL4SAS100K2N****, PTGL04AS100M2N****	30Vdc	1.5	1.5	123	10±20%	246	25	C1	1(163), 2, 3, 4, #
PTGL04AS100K2B****, PTGL4SAS100K2B****	30Vdc	2.0	2.0	170	10±20%	338	25	C1	1(163), 2, 3, 4, #
PTGL05AS3R9K2B****, PTGL5SAS3R9K2B****	30Vdc	3.5	3.5	272	3.9±20%	543	25	C1	1(163), 2, 3, 4, #
PTGL07AS2R7K2B****, PTGL7SAS2R7K2B****	30Vdc	4.5	4.5	340	2.7±20%	678	25	C1	1(163), 2, 3, 4, #
PTGL07AS1R8K2B****, PTGL7SAS1R8K2B****	30Vdc	5.0	5.0	426	1.8±20%	849	25	C1	1(163), 2, 3, 4, #
PTGL09AS1R2K2B****, PTGL9SAS1R2K2B****	30Vdc	6.0	6.0	563	1.2±20%	1124	25	C1	1(163), 2, 3, 4, #
PTGL12AS0R8K2B****	30Vdc	7.0	7.0	694	0.8±20%	1384	25	C1	1(163), 2, 3, 4, #
PTGL04AS100K3B****, PTGL4SAS100K3B****	40Vdc	1.0	1.0	170	10±20%	340	25	C1	1(170), 2, 3, 4, #
PTGL05AS6R8K3B****, PTGL5SAS6R8K3B****	40Vdc	1.5	1.5	199	6.8±20%	397	25	C1	1(170), 2, 3, 4, #
PTGL07AS3R3K3B****, PTGL7SAS3R3K3B****	40Vdc	3.0	3.0	311	3.3±20%	621	25	C1	1(170), 2, 3, 4, #
PTGL09AS2R2K3B****, PTGL9SAS2R2K3B****	40Vdc	4.0	4.0	418	2.2±20%	833	25	C1	1(170), 2, 3, 4, #
PTGL12AS1R2K3B****	40Vdc	5.0	5.0	599	1.2±20%	1195	25	C1	1(170), 2, 3, 4, #
PTGL04AS220K4N****, PTGL4SAS220K4N****	60Vdc	1.0	1.0	90	22±20%	179	25	C1	1(162), 2, 3, 4, #
PTGL04AS220K4B****, PTGL4SAS220K4B****	60Vdc	1.0	1.0	116	22±20%	231	25	C1	1(162), 2, 3, 4, #
PTGL05AS100K4B****, PTGL5SAS100K4B****	60Vdc	1.5	1.5	172	10±20%	343	25	C1	1(162), 2, 3, 4, #
PTGL07AS5R6K4N****, PTGL7SAS5R6K4N****	60Vdc	2.2	2.2	189	5.6±20%	377	25	C1	1(162), 2, 3, 4, #

PTGL07AS5R6K4B****, PTGL7SAS5R6K4B****	60Vdc	3.0	3.0	232	5.6±20%	463	25	C1	1(162), 2, 3, 4, #
PTGL09AS3R3K4B****, PTGL9SAS3R3K4B****	60Vdc	4.0	4.0	337	3.3±20%	672	25	C1	1(162), 2, 3, 4, #
PTGL12AS2R2K4B****, PTGLCSAS2R2K4B****	60Vdc	5.0	5.0	445	2.2±20%	887	25	C1	1(162), 2, 3, 4, #
PTGL04AS560K6B****, PTGL4SAS560K6B****	140 Vrms	0.5	200	75	56±20%	150	25	C1	1(166), 2, 3, 4, #
PTGL05AS270K6B****, PTGL5SAS270K6B****	140 Vrms	1.0	200	107	27±20%	214	25	C1	1(166), 2, 3, 4, #
PTGL07AS150K6B****, PTGL7SAS150K6B****	140 Vrms	1.5	200	150	15±20%	298	25	C1	1(166), 2, 3, 4, #
PTGL09AS120K6B****, PTGL9SAS120K6B****	140 Vrms	2.0	200	195	12±20%	389	25	C1	1(166), 2, 3, 4, #
PTGL09AS7R6K6B****, PTGL9SAS7R6K6B****	140 Vrms	2.2	200	230	7.6±20%	458	25	C1	1(166), 2, 3, 4, #
PTGL12AS4R7K6B****, PTGLCSAS4R7K6B****	140 Vrms	3.5	200	314	4.7±20%	627	25	C1	1(166), 2, 3, 4, #
PTGL06BB220N*****	250 Vac/dc	200	0.6	56	22 ±30%	335	60	C1	1(145), 2, 4, #
PTGL14AS330H*****	280 Vac	1000	5.8	130	33±25%	340	25	C1	1(158), 2, 3, 4, #
PTGL14AS470H*****	280 Vac	1000	4.1	110	47±25%	290	25	C1	1(158), 2, 3, 4, #
PTGL14AS680H*****	280 Vac	1000	3.3	80	68±25%	240	25	C1	1(158), 2, 3, 4, #
PTGL14AS820H*****	280 Vac	1000	2.3	70	82±25%	230	25	C1	1(158), 2, 3, 4, #
PTGL14AS101H*****	280 Vac	1000	1.9	60	100±25%	220	25	C1	1(158), 2, 3, 4, #
PTGL16AS330H*****	280 Vac/dc	1000	5.8	140	24.75-41.25	350	25	C1	1(158), 2, 3, 4, #
PTGL16AS470H*****	280 Vac/dc	1000	4.1	120	35.25-58.75	300	25	C1	1(158), 2, 3, 4, #
PTGL16AS680H*****	280 Vac/dc	1000	3.3	90	51.00-85.00	250	25	C1	1(158), 2, 3, 4, #
PTGL20AS330H*****	280 Vac/dc	1000	5.8	160	24.75-41.25	410	25	C1	1(158), 2, 3, 4, #
PTGL20AS470H*****	280 Vac/dc	1000	4.1	130	35.25-58.75	340	25	C1	1(158), 2, 3, 4, #

PTC heater pellets

Model No.	Max. Voltage (V)	Rated Voltage (V)	I _{in} (A)	I _{ss} (mA)	Class	T _s (°C)	CA
PTH420A031AG401T260	260 ac	240 ac	3.5	—	C4	220±10	1(230), 4#
PTH420A187AL401T260	260 ac	240 ac	3.5	6.1±30%	C4	175±15	1(190), 4#
PTH420A213AF241Q140	140 ac	120 ac	5	55±30%	C4	240±30	1(270), 4#
PTH420A109AF102P260	265 ac	240 ac	5	18.6±30%	C4	215±30	1(245), 4#
PTH420A008BH301Q140	140 ac	120 ac	3	—	C4	40±15	1(155), 4#

PTWE23BC150*030***	35 ac/dc	33 ac/dc	1.5	7	C1	170	1(140), 4#
PTWE23BC5R0*028***	28 ac/dc	28 ac/dc	4.5	10	C1	185	1(140), 4#
PTWE29BB120*028***	28 ac/dc	28 ac/dc	3.5	13	C1	150	1(140), 4#
PTWE29BB220*028***	28 ac/dc	28 ac/dc	3.5	10	C1	150	1(140), 4#

PTC degaussers

Model No.	Current (A)			Load Impedance (ohms)	Class	CA
	Vr (Vac)	Iin (A)	Iss (mA)			
PTDAA1XX1R5++++	100	65	5	90	C1	1(74), #
PTDAA1XX3R0++++	100	56	5	60	C1	1(60), #
PTDAA1XX4R5++++	220	58	10	60	C1	1(66), #
PTDAA1XX5R0++++	100	47	60	5	C1	1(66), #
PTDAA1XX7R0++++	220	51	10	60	C1	1(66), #
PTDAA1XX9R0++++	220	47	10	60	C1	1(66), #
PTDAA1XX140++++	220	39	10	60	C1	1(66), #
PTDAA1XX180++++	220	34	10	60	C1	1(62), #
PTDCA1XX3R0++++	100	56	5	10	C1	1(76), #
PTDCA1XX4R5++++	220	58	10	10	C1	1(85), #
PTDCA1XX7R0++++	220	51	10	10	C1	1(85), #
PTDCA1XX9R0++++	220	47	10	10	C1	1(85), #
PTDCA1XX140++++	220	39	10	10	C1	1(85), #
PTDCA1XX180++++	220	34	10	10	C1	1(76), #
PTDDB1XX1R5++++	100	65	90	5	C1	1(85), #
PTDDB1XX2R3++++	220	66	120	5	C1	1(113), #
PTDDB1XX4R5++++	220	58	120	10	C1	1(113), #

PTC sensors

Model No.	Vmax (dc)	Sensing Temperature	Class	CA
		(degree C)		
PRF15AR102*****	32	110-130	C3	1(170), 2, 4
PRF15BA102*****	32	110-120	C4	1(160), 2, 4
PRF15BB102*****	32	105-125	C4	1(150), 2, 4
PRF15BC102*****	32	80-100	C4	1(140), 2, 4
PRF15BD102*****	32	85-105	C4	1(130), 2, 4
PRF15BE102*****	32	60-80	C4	1(120), 2, 4

PRF15BF102*****	32	50-70	C4	1(110), 2, 4
PRF15BG102*****	32	65-85	C4	1(100), 2, 4
PRF15BB103*****	32	115-125	C4	1(130), 2, 4
PRF15BE103*****	32	65-75	C4	1(100), 2, 4
PRF15BG103*****	32	45-55	C4	1(80), 2, 4
PTFL04BH471Q2N++++	16	60	C4	2, #
PTFL04BG471Q2N++++	16	70	C4	2, #
PTFL04BF471Q2N++++	16	80	C4	2, #
PTFL04BE471Q2N++++	16	90	C4	2, #
PTFL04BD471Q2N++++	16	100	C4	2, #
PTFL04BC471Q2N++++	16	110	C4	2, #
PTFL04BB471Q2N++++	16	120	C4	2, #
PTFL04BH222Q2N++++	16	60	C4	2, #
PTFM04BH471Q2N++++	16	60	C4	2, #
PTFM04BH222Q2N++++	16	60	C3	2, #
PRF15BA471+++++	32	125±15	C2	#
PRF15BB471+++++	32	115±15	C2	2, #
PRF15BC471+++++	32	105±15	C2	2, #
PRF18AS471+++++	32	145±10	C1	2, #
PRF18AR471+++++	32	135±10	C1	2, #
PRF18BA103+++++	32	130±10	C1	2, #
PRF18BA473+++++	32	130±10	C1	2, #
PRF18BA471+++++	32	125±10	C1	2, #
PRF18BB471+++++	32	115±10	C1	2, #
PRF18BC471+++++	32	105±10	C1	2, #
PRF18BD471+++++	32	95±10	C1	2, #
PRF18BE471+++++	32	85±10	C1	2, #
PRF18BF471+++++	32	75±10	C1	2, #
PRF18BG471+++++	32	65±10	C1	2, #
PRF21AS471+++++	32	145±10	C2	2, #
PRF21AR471+++++	32	135±10	C2	2, #
PRF21BA471+++++	32	125±10	C2	2, #
PRF21BB471+++++	32	115±10	C2	2, #

PRF21BC471+++++	32	105±10	C2	2, #
PRF21BD471+++++	32	95±10	C2	2, #
PRF21BE471+++++	32	85±10	C2	2, #
PTFL04BG222Q2N++++	16	-10 to 80	C3	#
PTFM04BH471Q2N+++S	16	50~60	C4	2, 4, #
PTFM04BG471Q2N+++S	16	60~70	C4	2, 4, #
PTFM04BF471Q2N+++S	16	70~80	C4	2, 4, #
PTFM04BE471Q2N+++S	16	80~90	C4	2, 4, #
PTFM04BD471Q2N+++S	16	90~100	C4	2, 4, #
PTFM04BC471Q2N+++S	16	100~110	C4	2, 4, #
PTFM04BB471Q2N+++S	16	110~120	C4	2, 4, #
PTFM04BH222Q2N+++S	16	50~60	C4	2, 4, #
PTFM04BG222Q2N+++S	16	60~70	C4	2, 4, #
PTFM04BF222Q2N+++S	16	70~80	C4	2, 4, #
PTFM04BE222Q2N+++S	16	80~90	C4	2, 4, #
PTFM04BD222Q2N+++S	16	90~100	C4	2, 4, #
PTFM04BC222Q2N+++S	16	100~110	C4	2, 4, #
PTFM04BB222Q2N+++S	16	110~120	C4	2, 4, #

NTC temperature sensors

Model No.	Resistance at 25°C (k ohm)	Tmoa (°C)	Class	CA
NCP03YS110@****	0.011	125	C4	4, #
NCP03YS220@****	0.022	125	C4	4, #
NCP03YS330@****	0.033	125	C4	4, #
NCP03YS470@****	0.047	125	C4	4, #
NCP03YS680@****	0.068	125	C4	4, #
NCP03YS101@****	0.100	125	C4	4, #
NCP03XM102@****	1.0	125	C4	4, #
NCP03XM152@****	1.5	125	C4	4, #
NCP03XM222@****	2.2	125	C4	4, #
NCP03XM332@****	3.3	125	C4	4, #
NCP03XM472@****	4.7	125	C4	2, 4, #
NCP03XW472@****	4.7	125	C4	2, 4, #
NCP03XH682@****	6.8	125	C4	2, 4, #

NCP03XH103@****	10	125	C4	2, 4, #
NCP03XV103@****	10	125	C4	2, 4, #
NCP03XH153@****	15	125	C4	2, 4, #
NCP03XH223@****	22	125	C4	2, 4, #
NCP03WF333@****	33	125	C4	4, #
NCP03WL333@****	33	125	C4	4, #
NCP03WB473@****	47	125	C4	4, #
NCP03WL473@****	47	125	C4	4, #
NCP03WF683@****	68	125	C4	4, #
NCP03WL683@****	68	125	C4	4, #
NCP03WF104@****	100	125	C4	4, #
NCP03WL104@****	100	125	C4	4, #
NCP03WL154@****	150	125	C4	4, #
NCP03WL224@****	220	125	C4	4, #
NCP03WF474@****	470	125	C3	4, #
NCP15XC220@*&**	0.022	125	C4	2, 4, #, %
NCP15XC330@*&**	0.033	125	C4	2, 4, #, %
NCP15XC470@*&**	0.047	125	C4	2, 4, #, %
NCP15XC680@*&**	0.068	125	C4	2, 4, #, %
NCP15XF101@*&**	0.100	125	C4	2, 4, #, %
NCP15XF151@*&**	0.150	125	C4	2, 4, #, %
NCP15XM221@*&**	0.220	125	C4	2, 4, #
NCP15XM331@*&**	0.330	125	C4	2, 4, #
NCP15XQ471@*&**	0.470	125	C4	2, 4, #
NCP15XQ681@*&**	0.680	125	C4	2, 4, #
NCP15XQ102@*&**	1	125	C4	2, 4, #
NCP15XW152@*&**	1.5	125	C4	2, 4, #
NCP15XW222@*&**	2.2	125	C4	2, 4, #
NCP15XW332@*&**	3.3	125	C4	2, 4, #
NCP15XM472@*&**	4.7	125	C4	2, 4, #
NCP15XW472@*&**	4.7	125	C4	2, 4, #
NCP15XW682@*&**	6.8	125	C4	2, 4, #
NCP15XH103@*&**	10	125	C4	2, 4, #
NCP15XV103@*&**	10	125	C4	2, 4, #
NCP15XW153@*&**	15	125	C4	2, 4, #

NCP15XW223@*&**	22	125	C4	2, 4, #
NCP15WL223@*&**	22	125	C4	2, 4, #
NCP15WB333@*&**	33	125	C4	2, 4, #
NCL15WB333@*&**	33	125	C4	2, 4, #
NCP15WL333@*&**	33	125	C4	2, 4, #
NCP15WB473@*&**	47	125	C4	2, 4, #
NCL15WB473@*&**	47	125	C4	2, 4, #
NCP15WL473@*&**	47	125	C4	2, 4, #
NCP15WD683@*&**	68	125	C4	2, 4, #
NCP15WL683@*&**	68	125	C4	2, 4, #
NCP15WF104@*&**	100	125	C4	2, 4, #
NCP15WL104@*&**	100	125	C4	2, 4, #
NCP15WM154@*&**	150	125	C4	2, 4, #
NCP15WL154@*&**	150	125	C4	2, 4, #
NCP15WM224@*&**	220	125	C4	2, 4, #
NCP15WM474@*&**	470	125	C4	2, 4, #
NCU15XH103@*&**	10	125	C2	2, 4, #
NCU15WB473@*&**	47	125	C2	2, 4, #
NCU15WF104@*&**	100	125	C2	2, 4, #
NCP15XC220@*S**	0.022	125	C4	2, 4, #, %
NCP15XC330@*S**	0.033	125	C4	2, 4, #, %
NCP15XC470@*S**	0.047	125	C4	2, 4, #, %
NCP15XC680@*S**	0.068	125	C4	2, 4, #, %
NCP15XF101@*S**	0.100	125	C4	2, 4, #, %
NCP15XF151@*S**	0.150	125	C4	2, 4, #, %
NCP15XM221@*S**	0.220	125	C4	2, 4, #
NCP15XM331@*S**	0.330	125	C4	2, 4, #
NCP15XQ471@*S**	0.470	125	C4	2, 4, #
NCP15XQ681@*S**	0.680	125	C4	2, 4, #
NCP15XQ102@*S**	1	125	C4	2, 4, #
NCP15XM472@*S**	4.7	125	C4	2, 4, #
NCP15XW152@*S**	1.5	150	C3	2, 4, #
NCP15XW222@*S**	2.2	150	C2	2, 4, #
NCP15XW332@*S**	3.3	150	C2	2, 4, #
NCP15XW472@*S**	4.7	150	C2	2, 4, #

NCP15XW682@*S**	6.8	150	C2	2, 4, #
NCP15XH103@*S**	10	150	C2	2, 4, #
NCP15XV103@*S**	10	150	C2	2, 4, #
NCP15XW153@*S**	15	150	C4	2, 4, #
NCP15XW223@*S**	22	150	C4	2, 4, #
NCP15WL223@*S**	22	150	C4	2, 4, #
NCP15WB333@*S**	33	150	C4	2, 4, #
NCL15WB333@*S**	33	150	C4	2, 4, #
NCP15WL333@*S**	33	150	C4	2, 4, #
NCP15WB473@*S**	47	150	C4	2, 4, #
NCL15WB473@*S**	47	150	C4	2, 4, #
NCP15WL473@*S**	47	150	C4	2, 4, #
NCP15WD683@*S**	68	150	C4	2, 4, #
NCP15WL683@*S**	68	150	C4	2, 4, #
NCP15WF104@*S**	100	150	C4	2, 4, #
NCP15WL104@*S**	100	150	C2	2, 4, #
NCP15WM154@*S**	150	150	C2	2, 4, #
NCP15WL154@*S**	150	150	C2	2, 4, #
NCP15WM224@*S**	220	150	C2	2, 4, #
NCP15WM474@*S**	470	150	C2	2, 4, #
NCU15XH103@*S**	10	150	C4	2, 4, #
NCU15WB473@*S**	47	150	C3	2, 4, #
NCU15WF104@*S**	100	150	C3	2, 4, #
NCP18XF101@*&**	0.100	125	C3	2, 4, #
NCP18XF151@*&**	0.150	125	C3	2, 4, #
NCP18XM221@*&**	0.220	125	C3	2, 4, #
NCP18XM331@*&**	0.330	125	C3	2, 4, #
NCP18XQ471@*&**	0.470	125	C3	2, 4, #
NCP18XQ681@*&**	0.680	125	C3	2, 4, #
NCP18XQ102@*&**	1	125	C3	2, 4, #
NCP18XW152@*&**	1.5	125	C3	2, 4, #
NCP18XW222@*&**	2.2	125	C3	2, 4, #
NCP18XW332@*&**	3.3	125	C3	2, 4, #
NCP18XM472@*&**	4.7	125	C3	2, 4, #
NCP18XW472@*&**	4.7	125	C3	2, 4, #

NCP18XH502@*&**	5	125	C3	2, 4, #
NCP18XW682@*&**	6.8	125	C3	2, 4, #
NCP18XH103@*&**	10	125	C3	2, 4, #
NCP18XV103@*&**	10	125	C3	2, 4, #
NCP18XW153@*&**	15	125	C3	2, 4, #
NCP18XW223@*&**	22	125	C3	2, 4, #
NCP18WB333@*&**	33	125	C3	2, 4, #
NCP18WB473@*&**	47	125	C3	2, 4, #
NCP18WD683@*&**	68	125	C3	2, 4, #
NCP18WF104@*&**	100	125	C3	2, 4, #
NCP18WE104@*&**	100	125	C3	2, 4, #
NCP18WM154@*&**	150	125	C3	2, 4, #
NCP18XW154@*&**	150	125	C3	2, 4, #
NCP18WA204@*&**	200	125	C3	2, 4, #
NCP18WM224@*&**	220	125	C3	2, 4, #
NCP18WM474@*&**	470	125	C2	2, 4, #
NCP18WB474@*&**	470	125	C3	2, 4, #
NCU18XH103@*&**	10	125	C2	2, 4, #
NCU18WB473@*&**	47	125	C3	2, 4, #
NCU18WF104@*&**	100	125	C3	2, 4, #
NCU18WM154@*&**	150	125	C2	2, 4, #
NCU18WM224@*&**	220	125	C2	2, 4, #
NCU18WM474@*&**	470	125	C2	2, 4, #
NCP18XM221@*S**	0.220	125	C3	2, 4, #
NCP18XM331@*S**	0.330	125	C3	2, 4, #
NCP18XM472@*S**	4.7	125	C3	2, 4, #
NCP18XF101@*S**	0.100	150	C4	2, 4, #
NCP18XF151@*S**	0.150	150	C3	2, 4, #
NCP18XQ471@*S**	0.470	150	C3	2, 4, #
NCP18XQ681@*S**	0.680	150	C3	2, 4, #
NCP18XQ102@*S**	1	150	C3	2, 4, #
NCP18XW152@*S**	1.5	150	C3	2, 4, #
NCP18XW222@*S**	2.2	150	C3	2, 4, #
NCP18XW332@*S**	3.3	150	C3	2, 4, #
NCP18XW472@*S**	4.7	150	C3	2, 4, #

NCP18XW682@*S**	6.8	150	C3	2, 4, #
NCP18XH103@*S**	10	150	C3	2, 4, #
NCP18XV103@*S**	10	150	C3	2, 4, #
NCP18XW153@*S**	15	150	C3	2, 4, #
NCP18XW223@*S**	22	150	C3	2, 4, #
NCP18WB333@*S**	33	150	C3	2, 4, #
NCP18WB473@*S**	47	150	C3	2, 4, #
NCP18WD683@*S**	68	150	C3	2, 4, #
NCP18WF104@*S**	100	150	C3	2, 4, #
NCP18WE104@*S**	100	150	C4	2, 4, #
NCP18WM154@*S**	150	150	C4	2, 4, #
NCP18WM224@*S**	220	150	C4	2, 4, #
NCP18WM474@*S**	470	150	C4	2, 4, #
NCU18XH103@*S**	10	150	C4	2, 4, #
NCU18WB473@*S**	47	150	C3	2, 4, #
NCU18WF104@*S**	100	150	C3	2, 4, #
NCU18WM154@*S**	150	150	C4	2, 4, #
NCU18WM224@*S**	220	150	C4	2, 4, #
NCU18WM474@*S**	470	150	C4	2, 4, #
NCP21XM221@****	0.220	125	C4	2, 4, #
NCP21XQ471@****	0.470	125	C4	2, 4, #
NCP21XQ102@****	1.0	125	C4	2, 4, #
NCP21XW222@****	2.2	125	C4	2, 4, #
NCP21XM472@****	4.7	125	C4	2, 4, #
NCP21XW472@****	4.7	125	C4	2, 4, #
NCP21XV103@****	10	125	C4	2, 4, #
NCP21XW153@****	15	125	C4	2, 4, #
NCP21XW223@****	22	125	C4	2, 4, #
NCP21WB333@****	33	125	C4	2, 4, #
NCP21WB473@****	47	125	C4	2, 4, #
NCP21WF104@****	100	125	C4	2, 4, #
NXFT15XW152@****, NXFS15XW152@****	1.5	90	C4	2, 4, #
NXFT15XM202@****, NXFS15XM202@****	2.0	90	C4	2, 4, #

NXFT15XW222@****, NXFS15XW222@****	2.2	90	C4	2, 4,#
NXFT15XW332@****, NXFS15XW332@****	3.3	90	C4	2, 4,#
NXFT15XW472@****, NXFS15XW472@****	4.7	90	C4	2, 4,#
NXFT15XW682@****, NXFS15XW682@****,	6.8	90	C4	2, 4,#
NXFT15XH103@****, NXFS15XH103@****	10	90	C4	2, 4,#
NXFT15XV302@****, NXFS15XV302@****	3.0	90	C3	2, 4,#
NXFT15XV103@****, NXFS15XV103@****	10	90	C4	2, 4,#
NXFT15XW153@****, NXFS15XW153@****	15	90	C4	2, 4,#
NXFT15XW223@****, NXFS15XW223@****	22	90	C4	2, 4,#
NXFT15WL223@****, NXFS15WL223@****	22	90	C4	2, 4,#
NXFT15WB333@****, NXFS15WB333@****	33	90	C4	2, 4,#
NXFT15WL333@****, NXFS15WL333@****	33	90	C4	2, 4,#
NXFT15WB473@****, NXFS15WB473@****	47	90	C4	2, 4,#
NXFT15WL473@****, NXFS15WL473@****	47	90	C4	2, 4,#
NXFT15WD683@****, NXFS15WD683@****	68	90	C4	2, 4,#
NXFT15WL683@****, NXFS15WL683@****	68	90	C4	2, 4,#
NXFT15WF104@****, NXFS15WF104@****	100	90	C4	2, 4,#
NXFT15WL104@****, NXFS15WL104@****	100	90	C4	2, 4,#
NXFT15WM154@****, NXFS15WM154@****	150	90	C4	2, 4,#
NXFT15WL154@****, NXFS15WL154@****	150	90	C4	2, 4,#
NXFT15WM224@****, NXFS15WM224@****	220	90	C4	2, 4,#
NXFT15WM474@****, NXFS15WM474@****	470	90	C4	2, 4,#
NXRT15WB333JA\$**** NXRS15WB333JA\$****	33 ± 5%	125	C4	2, #

NXRT15WB473FA\$**** NXRS15WB473FA\$****	47 ± 1%	125	C4	2, #
NXRT15WB473QA\$**** NXRS15WB473QA\$****	47 ± 0.7%	125	C4	2, #
NXRT15WF104FA\$**** NXRS15WF104FA\$****	100 ± 1%	125	C4	2, #
NXRT15XH103FA\$**** NXRS15XH103FA\$****	10 ± 1%	125	C4	2, #
NXRT15XM202EA\$**** NXRS15XM202EA\$****	2 ± 3%	125	C4	2, #
NXRT15XM122FA\$**** NXRS15XM122EA\$****	2 ± 5%	125	C4	2, #
NXRT15XM181FA\$**** NXRS15XM181EA\$****	2 ± 5%	125	C4	2, #
NXRT15XM141FA\$**** NXRS15XM141EA\$****	2 ± 5%	125	C4	2, #
NXRT15XV103FA\$**** NXRS15XV103FA\$****	10 ± 1%	125	C4	2, #
NXRT15XV582FA\$**** NXRS15XV582FA\$****	10 ± 5%	125	C4	2, #
NXRT15XV681FA\$**** NXRS15XV681FA\$****	10 ± 5%	125	C4	2, #
NXRT15XV203GA\$**** NXRS15XV203GA\$****	20 ± 2%	125	C4	2, #
NXRT15XV302FA\$**** NXRS15XV302FA\$****	3 ± 1%	125	C4	2, #
NXRT15XV502FA\$**** NXRS15XV502FA\$****	5 ± 1%	125	C4	2, #
NXRT15XV292FA\$**** NXRS15XV292FA\$****	5 ± 5%	125	C4	2, #
NXRT15XV341FA\$**** NXRS15XV341FA\$****	5 ± 5%	125	C4	2, #
FTN18XH103@****	10	125	C3	2, 4, #
FTN18WF104@****	100	125	C3	2, 4, #
NCP02XH103@****	10	125	C4	4, #
NCP02WF683@****	68	125	C4	4, #
NCP02WF104@****	100	125	C4	4, #
NCP02WF474@****	470	125	C4	4, #

PTC motor starters

Model No.	Voltage (Vac)		Current		T _{moa} (°C)	Class	CA
	V _{max}	V _r	I _{max} (A)	I _{ss} (mA)			

PTHE-AP6R8	200	120	10	30	100	C1	1 (171), 4 #
PTHE-AP100	225	120	9	29	100	C1	1 (171), 4 #
PTHE-AP150	350	120	8	28	100	C1	1 (171), 4 #
PTHE-AP220	350	120	7	27	100	C1	1 (185), 4 #
PTHE-AP330	355	120	6	26	100	C1	1 (185), 4 #
PTHE-AP470	400	120	5	25	100	C1	1 (185), 4 #
PTHE-AP680	400	120	3.5	24	100	C1	1 (175), 4 #

@ Resistance tolerance codes (D: $\pm 0.5\%$, F: $\pm 1\%$, E: $\pm 3\%$, J: $\pm 5\%$, K: $\pm 10\%$) **** Other specification, such as packaging.

(!) - @:For model FTN18 series, resistance tolerance code and maybe follow by F: $\pm 1\%$, E: $\pm 3\%$, J: $\pm 5\%$ for R25. ****: Alphanumeric symbol denoting customer code or packing code, not related to any rating or construction.

**** Other specification, such as customer code or packaging, not related to any rating or construction.

+ Can be any letter or numeral.

X Can be any letter or numeral.

% When used in safety circuits as a limiting device (100,000 cycles), maximum operating temperature (Tmax) allowed is 103°C.

(+) Manufacturer's specifications

See Report Conditions of Acceptability for more detail.

* Any alphanumeric letter to indicate the variance within resistance range.

*** Any three alphanumeric letter, indicating the packing code.

\$ Can be 1 through 9 for lead shape code. All models may be followed by additional suffixes which designate the packaging type and product length.

& - "&" contains letters or numbers other than "S".

Marking: Company name or tradename "muRata" or trademarks  (another size and color may be acceptable), , UL Recognition Mark and part designation on individual parts or smallest shipping container.

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