





Certificate: 80226727

Master Contract: 152167

Project: 80226727

Date Issued: 2024-11-06

LR4-1420F	20	100	30.0	14.20	0.300	125	0.0026	5.0 @ 71.0A
PSR-24466, PSR-25002, PSR-25393	15	40	6.40/6.80/7.20	2.80	0.167	125	0.015/0.009/0.006	5.0 @ 14.0A
PSR-24535	15	40	6.30	2.50	0.167	125	0.013	5.0 @ 12.5A
PSR-24770, PSR-26476	15	40	5.0/5.2	2.20	0.167	125	0.015/0.016	5.0 @ 11.0A
PSR-25091	16/32	100/5.0	4.70	2.10	0.094	125	0.017	5.0 @ 10.0A, 13.0 @ 5.0A
PSR-25330	16	100	3.20	1.50	0.087	125	0.029	5.0 @ 7.5A
PSR-25579	12	100	4.10	1.70	0.117	125	0.017	5.0 @ 8.75A
PSR-25632	16	100	2.80	1.20	0.094	125	0.029	5.0 @ 6.0A
PSR-25846, PSR-27627	16	60	4.10	1.80	0.119	125	0.012	5.0 @ 9.0A
PSR-25857A, PSR-26627	12	100	4.20	1.75	0.158	125	0.017	5.0 @ 8.75A
PSR-26695	12	100	4.30	1.50	0.117	125	0.018	5.0 @ 7.5A
PSR-27679	15	100	5.80	2.60	0.167	125	0.020	5.0 @ 13.0A
SRP120F	15	100	2.70	1.20	0.080	125	0.085	5.0 @ 6.0A
SRP175F	15	100	3.80	1.75	0.100	125	0.05	5.0 @ 8.75A
SRP200F	30	100	4.40	2.20	0.063	125	0.03	4.0 @ 10.0A
SRP350F	30	100	6.30	3.50	0.083	125	0.017	3.0 @ 20.0A
SRP420F	30	100	7.60	4.20	0.097	125	0.012	6.0 @ 20.0A
VLP120	16	60	3.60	1.20	0.100	125	0.039	5.0 @ 7.0A
VLP175	15	60	3.90	1.75	0.112	125	0.023	5.0 @ 8.75A
VLP190	16	60	4.70	1.90	0.112	125	0.025	5.0 @ 9.5A
VLP200UW-C48F	16	60	4.70	2.00	0.112	125	0.018	5.0 @ 10.0A
VLP210F	16	60	5.00	2.10	0.094	125	0.018	5.0 @ 10.50A
VLP220, VLP220N-C30F	16	60	5.30	2.20	0.112	125	0.017	5.0 @ 11.0A
VLP270	16	60	6.50	2.70	0.156	125	0.012	5.0 @ 13.50A
VLP280W	16	60	7.60	2.80	0.156	125	0.008	5.0 @ 15.0A
VLR110	12	100	2.90	1.10	0.108	125	0.038	5.0 @ 5.5A
VLR150	12	100	4.30	1.50	0.117	125	0.018	5 @ 7.5A
VLR170F	12	100	4.10	1.70	0.117	125	0.018	5.0 @ 8.5A
VLR170U-C30F	12	100	4.10	1.70	0.117	125	0.018	5.0 @ 8.5A
VLR175F/VLR175LF	12	100	4.20	1.75	0.117	125	0.017	5.0 @ 8.75A
VLR230F	12	100	5.0	2.30	0.208	175	0.012	5.0 @ 10.0A



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VTP110F	16	100	2.70	1.10	0.081	125	0.038	5.0 @ 5.50A
VTP140	16	100	3.20	1.40	0.087	125	0.038	5.0 @ 7.0A
VTP170F/VTP170XSF	16	100	3.40	1.70	0.087	125	0.030	5.0 @ 8.50A
VTP175F, VTP175LF, PSR-25616	16	100	3.60	1.75	0.087	125	0.029	5.0 @ 8.75A

Model(s)	Vmax (V)	Imax (A)	It (A)	Ih (A)	Iss (A)	Ts (C)	Rmin (Ohm)	TT (sec)
VTP210GF or SF, PSR-24908	16	100	4.70	2.10	0.094	125	0.018	5.0 @ 10.0A

**Notes:**

1. The devices are certified as components only for use in equipment where the suitability of the combination is to be determined by the Authority that certifies the end product.
2. These devices have not been investigated for use in a functional safety circuit.
3. Suffixes denoting different lead configuration, different lead length, different lead plating, different shipping packaging method, or resistance matching may be added.
4. Rating:

The maximum rated ambient temperature is 85°C for all models.

Vmax - maximum voltage of a thermistor as declared by the manufacturer.

Imax - current value assigned by the manufacturer that complies with all the requirements of the standard.

It - for a current-limiting PTC thermistor, minimum current value declared by the manufacturer at which a PTC thermistor switches from low to high resistance at a specified temperature or temperature range.

Ih - maximum current a current limiting PTC thermistor is able to maintain in a low resistance "on" state at rated ambient for a period of time specified by the manufacturer.

Iss – steady state current measured after a thermistor's temperature stabilizes in air at an ambient temperature specified by the manufacturer while connected to rated voltage and while operating in its high-resistance state for PTC thermistors

Ts - temperature of the surface of a thermistor while the thermistor is energized under normal operating conditions.

Rmin - rated resistance at 20 degrees C ambient temperature unless specified by the manufacturer.

TT - time-to-trip time required for a PTC thermistor to limit the manufacturer's declared trip current (It) to 50 % of its value when energized at the rated voltage and ambient temperature.

**APPLICABLE REQUIREMENTS**

CSA E60730-1:15, AMD1:2017, AMD2:2021 - Automatic electrical controls — Part 1: General requirements

CAN/CSA-E60730-2-9:18, AMD2:2024 - Automatic electrical controls — Part 2-9: Particular requirements for temperature sensing controls