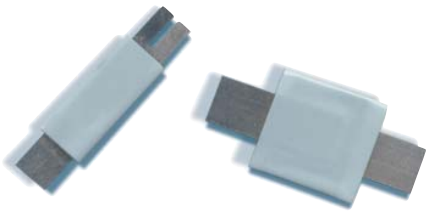
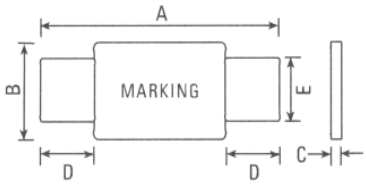
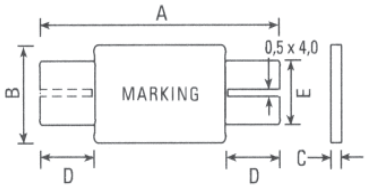
STD



Dimensions (mm)





S: one slot

Strap Type, 15 V / 24 V

Standard

UL 1434 1st Edition
CSA C22.2 No. 0 CSA TIL No. CA-3A

Approvals

cULus Recognition
TÜV

Features

This axial leaded strap product is designed to provide reliable, non-cycling protection for re-chargeable batteries. The weldable nickel leads with a narrow, low profile design are ideal to be installed directly onto battery cells.

Specifications

Packaging

A small pack
D standard

Materials

Insulating material: Polyester Tape
Terminals: Nickel

Max. Device Surface Temperature in Tripped State

125 °C

Operating / Storage Temperature

-40 °C to +85 °C (consider derating)

Humidity Ageing

+85 °C, 85 % R.H., 7 days, ± 5 % typical resistance change

Vibration

MIL-STD-883C, Condition A, no change

Marking

"P", Part Code, identification, lot number

Dimensions (mm)

Model	Fig	A Min	A Max	B Min	B Max	C Min	C Max	D Min	E Min	E Max	packaging quantity small pack	packaging quantity standard
STD120	1	19.9	22.1	4.9	5.2	0.6	1.0	5.5	3.9	4.1	500	10,000
STD120S	2	19.9	22.1	4.9	5.2	0.6	1.0	5.5	3.9	4.1	500	10,000
STD175	1	20.9	23.1	4.9	5.2	0.6	1.0	4.1	3.9	4.1	500	10,000
STD175S	2	20.9	23.1	4.9	5.2	0.6	1.0	4.1	3.8	4.2	500	10,000
STD200	1	23.3	23.4	10.2	11.0	0.5	1.1	5.0	4.8	5.4	500	10,000
STD350	1	28.4	31.8	13.0	13.5	0.5	1.1	6.3	6.0	6.6	500	5,000
STD420	1	30.6	32.4	12.9	13.6	0.5	1.1	5.0	5.0	6.7	500	5,000

Permissible continuous operating current is ≤ 100 % at ambient temperature of 20 °C (68 °F).

Model	I_{hold} (A)	I_{Trip} (A)	$V_{max.\ dc}$ (V)	$I_{max.}$ (A)	max. time to trip (s @ A)	$P_{d\ max.}$ (W)	Resistance $R_{min.}$ ( )	Resistance $R_{max.}$ ( )	Resistance $R_{1\ max.}$ ( )	Approvals cURus	Approvals TÜV
STD120	1.20A	2.7	15V	100	5.00 @ 6.00	1.20	0.085	0.160	0.220	•	•
STD120S	1.20A	2.7	15V	100	5.00 @ 6.00	1.20	0.085	0.160	0.220	•	•
STD175	1.75A	3.8	15V	100	5.00 @ 8.75	1.50	0.050	0.090	0.120	•	•
STD175S	1.75A	3.8	15V	100	5.00 @ 8.75	1.50	0.050	0.090	0.120	•	•
STD200	2.00A	4.4	24V	100	4.00 @ 10.00	1.90	0.030	0.060	0.100	•	•
STD350	3.50A	6.3	24V	100	3.00 @ 20.00	2.50	0.017	0.031	0.050	•	•
STD420	4.20A	7.6	24V	100	6.00 @ 20.00	2.90	0.012	0.024	0.040	•	•

NOTE:
I_{hold} = Hold current: maximum current device will pass without tripping in 20 °C still air.
I_{trip} = Trip current: minimum current at which the device will trip in 20 °C still air.
V_{max} = Maximum voltage device can withstand without damage at rated current (I_{max})
I_{max} = Maximum fault current device can withstand without damage at rated voltage (V_{max})

P_d = Power dissipated from device when in the tripped state at 20 °C still air.
R_{min} = Minimum resistance of device in initial (un-soldered) state.
R_{1max} = Maximum resistance of device at 20 °C measured one hour after tripping for 20 s.
Caution: Operation beyond the specified rating may result in damage and possible arcing and flame.
Specifications are subject to change without notice

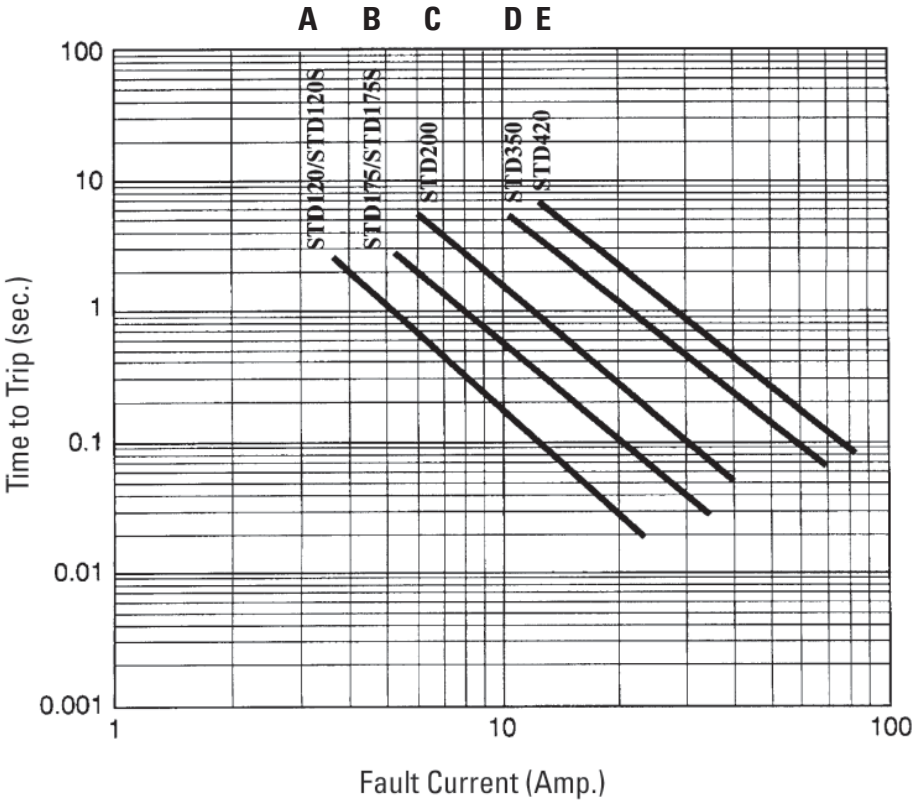
Order Information

Qty.	Order-Number	Model	Packaging

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In our continuing strategy to deliver unparalleled circuit protection solutions, technical expertise and application leadership, we proudly introduce the WICKMANN Group and its products to the Littelfuse portfolio.

STD



A: STD120
B: STD175
C: STD200
D: STD350
E: STD420

Further Time-Current-Curves on request

Thermal Derating Chart

Model	Ambient Operation Temperature - I_{hold} (A)								
	-40 °C	-20 °C	0 °C	23 °C	40 °C	50 °C	60 °C	70 °C	85 °C
STD120	1.90	1.70	1.50	1.20	1.00	0.90	0.80	0.70	0.50
STD120S	1.90	1.70	1.50	1.20	1.00	0.90	0.80	0.70	0.50
STD175	2.50	2.30	2.00	1.75	1.50	1.30	1.20	1.10	0.90
STD175S	2.50	2.30	2.00	1.75	1.50	1.30	1.20	1.10	0.90
STD200	3.20	2.80	2.50	2.00	1.70	1.60	1.40	1.20	0.90
STD350	5.40	4.80	4.30	3.50	3.00	2.80	2.50	2.20	1.70
STD420	6.40	5.70	5.10	4.20	3.60	3.30	3.00	2.60	2.10

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