

## Product Change Notice

PCN#: EE-PCN23025

09/22/2023

### CLASSIFICATION OF CHANGE:

Material and process change.

### DESCRIPTION OF CHANGE:

The internal fuse design is changing with no impact to fit or form.

The fuse manufacturing process is changing to accommodate the internal design changes.

### REASON FOR CHANGE:

These changes are required to improve product manufacturability, efficiency, and equipment utilization.

### EXPECTED INFLUENCE ON QUALITY, RELIABILITY, AND PERFORMANCE:

There will be no effect on quality and reliability. Fuse ratings from 1/4A – 10A will benefit from a reduction to I2T which will be updated in the datasheet, and fuse time vs current curves will be updated accordingly. Fuse rating from 1/4A- 10A will have DC cold resistance change, New DC cold resistance and new I2T values for the 1/4A - 10A fuse ratings can be found in the table below.

### PARTS FAMILIES AFFECTED:

See following page for part number list.

### TIME SCHEDULE:

Last Production Date: Oct. 31, 2023

### SAMPLE AVAILABILITY:

Available upon request

### QUALIFICATION DATA:

Available upon request

### ISSUED BY:

Elon Brown

Global Product Manager – Circuit Protection

### CONTACT INFORMATION:

For questions or comments, please [Contact us](#)

<b>Catalog No.</b>	<b>Fuse Rating (Amps)</b>	<b>Former I2T (A<sup>2</sup>S)</b>	<b>New I2T (A<sup>2</sup>S)</b>	<b>Former DC cold resistance</b>	<b>New DC cold resistance</b>
MDA-1-4-R	0.25	0.68	0.28	8.70	9.10
MDA-3-10-R	0.30	/	0.44	7.00	6.80
MDA-3-8-R	0.38	/	0.64	4.60	4.50
MDA-4-10-R	0.40	/	0.64	4.20	4.00
MDA-1-2-R	0.50	2.53	1.20	1.78	2.60
MDA-6-10-R	0.60	/	0.20	1.25	0.78
MDA-3-4-R	0.75	8.58	0.42	0.82	0.52
MDA-1-R	1.00	12.20	0.90	0.56	0.38
MDA-1-1-4-R	1.25	/	1.50	0.36	0.29
MDA-1-1-2-R	1.50	27.50	3.40	0.26	0.19
MDA-1-6-10-R	1.60	/	4.60	0.24	0.16
MDA-2-R	2.00	70.40	8.80	0.17	0.12
MDA-2-1-2-R	2.50	31.80	7.20	0.07	0.066
MDA-2-8-10-R	2.80	/	10.0	0.056	0.058
MDA-3-R	3.00	45.00	12.1	0.053	0.054
MDA-3-2-10-R	3.20	/	17.5	0.048	0.045
MDA-4-R	4.00	147.00	37.2	0.036	0.031
MDA-4-1-2-R	4.50	/	44.0	0.030	0.028
MDA-5-R	5.00	380.00	65.0	0.026	0.023
MDA-6-R	6.00	588.00	98.0	0.020	0.018
MDA-6-1-4-R	6.25	/	90.0	0.018	0.017
MDA-7-R	7.00	638.00	135	0.017	0.015
MDA-8-R	8.00	1038.00	188	0.013	0.013
MDA-10-R	10.00	1620.00	332	0.009	0.010