

Product Change Notice

PCN#: EE-PCN26016

March 1, 2026

CLASSIFICATION OF CHANGE:

Materials change

DESCRIPTION OF CHANGE:

As part of our continuous improvement program, the GDB and GDC fuse families have been updated with optimized materials and additional qualified suppliers for key components. These changes are intended to improve supply robustness while maintaining product performance, form, fit, and compliance with applicable standards. After the change, the unit weight increased from approximately 0.69 g/pc to 0.83 g/pc while the fuses I2T and DC cold resistance are slightly changed as below tables, and certificate UR & CSA consolidated to **cURus**.

Catalog Number	I2T Old	I2T New
GDB-1A	0.6	0.8
GDB-1.25A	0.84	1.1
GDB-1.6A	1.6	2.1
GDB-2A	4.2	5.5
GDB-2.5A	6.1	7.9
GDB-3.15A	13	16.9

Catalog Number	DCR Old	DCR New	Unit
GDB-160mA	9.1	8.5	Ω
GDB-200mA	6.8	6.6	Ω
GDB-315mA	3.1	3	Ω
GDB-400mA	2	1.95	Ω
GDB-1A	0.125	0.118	Ω
GDB-1.25A	0.096	0.083	Ω
GDB-1.6A	0.066	0.058	Ω
GDB-2.5A	0.034	0.032	Ω
GDB-3.15A	0.025	0.023	Ω
GDB-8A	0.01	0.0095	Ω
GDC-1A	0.0757	0.0745	Ω
GDC-1.25A	0.06	0.059	Ω
GDC-1.6A	0.0425	0.042	Ω
GDC-6.3A	0.0071	0.0073	Ω

With the unit weight increased, the carton package weights are changed

- BK: from 6.38 kg to 7.50 kg
- 5-in-1 package: from 5.406 kg to 5.77 kg

REASON FOR CHANGE:

To improve supply robustness through continued product improvement, including localization of main materials and introduction of alternate/second sources while maintaining required product performance and compliance.

EXPECTED INFLUENCE ON QUALITY, RELIABILITY, AND PERFORMANCE:

There is no influence to form and fit remain unchanged, functional performance remains compliant with applicable standards. Electrical parameter updates are as noted above.

PARTS FAMILIES AFFECTED:

GDB series (160 mA to 8 A)

GDC series (500 mA to 8 A)

See following page for part number list.

TIME SCHEDULE:

The change will be implemented as a running change, starting from 2026/3/1

SAMPLE AVAILABILITY:

Available upon request

ISSUED BY:

Roald Bai

Product Manager – Circuit Protection

CONTACT INFORMATION:

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

Part Numbers Affected

Item	Product Family	Material Number	Catalog Number
1	GDB	GDB-8A	GDB-8A
2	GDB	GDB-800MA	GDB-800MA
3	GDB	GDB-6-3A	GDB-6.3A
4	GDB	GDB-630MA	GDB-630MA
5	GDB	GDB-5A	GDB-5A
6	GDB	GDB-500MA	GDB-500MA
7	GDB	GDB-4A	GDB-4A
8	GDB	GDB-400MA	GDB-400MA
9	GDB	GDB-315MA	GDB-315MA
10	GDB	GDB-3-15A	GDB-3.15A
11	GDB	GDB-2A	GDB-2A
12	GDB	GDB-2-5A	GDB-2.5A
13	GDB	GDB-250MA	GDB-250MA
14	GDB	GDB-200MA	GDB-200MA
15	GDB	GDB-1A	GDB-1A
16	GDB	GDB-1-6A	GDB-1.6A
17	GDB	GDB-160MA	GDB-160MA
18	GDB	GDB-1-25A	GDB-1.25A
19	GDB	BK-GDB-8A	BK/GDB-8A
20	GDB	BK-GDB-800MA	BK/GDB-800MA
21	GDB	BK-GDB-6-3A	BK/GDB-6.3A
22	GDB	BK-GDB-630MA	BK/GDB-630MA
23	GDB	BK-GDB-5A	BK/GDB-5A
24	GDB	BK-GDB-500MA	BK/GDB-500MA
25	GDB	BK-GDB-4A	BK/GDB-4A
26	GDB	BK-GDB-400MA	BK/GDB-400MA
27	GDB	BK-GDB-315MA	BK/GDB-315MA
28	GDB	BK-GDB-3-15A	BK/GDB-3.15A
29	GDB	BK-GDB-2A	BK/GDB-2A
30	GDB	BK-GDB-2-5A	BK/GDB-2.5A

Item	Product Family	Material Number	Catalog Number
31	GDB	BK-GDB-250MA	BK/GDB-250MA
32	GDB	BK-GDB-200MA	BK/GDB-200MA
33	GDB	BK-GDB-1A	BK/GDB-1A
34	GDB	BK-GDB-1-6A	BK/GDB-1.6A
35	GDB	BK-GDB-160MA	BK/GDB-160MA
36	GDB	BK-GDB-1-25A	BK/GDB-1.25A
37	GDC	GDC-800MA	GDC-800MA
38	GDC	GDC-6-3A	GDC-6.3A
39	GDC	GDC-630MA	GDC-630MA
40	GDC	GDC-5A	GDC-5A
41	GDC	GDC-500MA	GDC-500MA
42	GDC	GDC-4A	GDC-4A
43	GDC	GDC-3-15A	GDC-3.15A
44	GDC	GDC-2A	GDC-2A
45	GDC	GDC-2-5A	GDC-2.5A
46	GDC	GDC-1A	GDC-1A
47	GDC	GDC-1-6A	GDC-1.6A
48	GDC	GDC-1-25A	GDC-1.25A
49	GDC	BK-GDC-800MA	BK/GDC-800MA
50	GDC	BK-GDC-6-3A	BK/GDC-6.3A
51	GDC	BK-GDC-630MA	BK/GDC-630MA
52	GDC	BK-GDC-5A	BK/GDC-5A
53	GDC	BK-GDC-500MA	BK/GDC-500MA
54	GDC	BK-GDC-4A	BK/GDC-4A
55	GDC	BK-GDC-3-15A	BK/GDC-3.15A
56	GDC	BK-GDC-2A	BK/GDC-2A
57	GDC	BK-GDC-2-5A	BK/GDC-2.5A
58	GDC	BK-GDC-1A	BK/GDC-1A
59	GDC	BK-GDC-1-6A	BK/GDC-1.6A
60	GDC	BK-GDC-1-25A	BK/GDC-1.25A