

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

Item	ELX Product Family	ELX Material Number	ELX Catalog Number	PCN#
130	GDB	GDB-8A	GDB-8A	EE-PCN26016
131	GDB	GDB-800MA	GDB-800MA	EE-PCN26016
132	GDB	GDB-6-3A	GDB-6.3A	EE-PCN26016
133	GDB	GDB-630MA	GDB-630MA	EE-PCN26016
134	GDB	GDB-5A	GDB-5A	EE-PCN26016
135	GDB	GDB-500MA	GDB-500MA	EE-PCN26016
136	GDB	GDB-4A	GDB-4A	EE-PCN26016
137	GDB	GDB-400MA	GDB-400MA	EE-PCN26016
138	GDB	GDB-315MA	GDB-315MA	EE-PCN26016
139	GDB	GDB-3-15A	GDB-3.15A	EE-PCN26016
140	GDB	GDB-2A	GDB-2A	EE-PCN26016
141	GDB	GDB-2-5A	GDB-2.5A	EE-PCN26016
142	GDB	GDB-250MA	GDB-250MA	EE-PCN26016
143	GDB	GDB-200MA	GDB-200MA	EE-PCN26016
144	GDB	GDB-1A	GDB-1A	EE-PCN26016
145	GDB	GDB-1-6A	GDB-1.6A	EE-PCN26016
146	GDB	GDB-160MA	GDB-160MA	EE-PCN26016
147	GDB	GDB-1-25A	GDB-1.25A	EE-PCN26016
148	GDB	BK-GDB-8A	BK/GDB-8A	EE-PCN26016
149	GDB	BK-GDB-800MA	BK/GDB-800MA	EE-PCN26016
150	GDB	BK-GDB-6-3A	BK/GDB-6.3A	EE-PCN26016
151	GDB	BK-GDB-630MA	BK/GDB-630MA	EE-PCN26016
152	GDB	BK-GDB-5A	BK/GDB-5A	EE-PCN26016
153	GDB	BK-GDB-500MA	BK/GDB-500MA	EE-PCN26016
154	GDB	BK-GDB-4A	BK/GDB-4A	EE-PCN26016
155	GDB	BK-GDB-400MA	BK/GDB-400MA	EE-PCN26016
156	GDB	BK-GDB-315MA	BK/GDB-315MA	EE-PCN26016
157	GDB	BK-GDB-3-15A	BK/GDB-3.15A	EE-PCN26016
158	GDB	BK-GDB-2A	BK/GDB-2A	EE-PCN26016
159	GDB	BK-GDB-2-5A	BK/GDB-2.5A	EE-PCN26016
160	GDB	BK-GDB-250MA	BK/GDB-250MA	EE-PCN26016
161	GDB	BK-GDB-200MA	BK/GDB-200MA	EE-PCN26016
162	GDB	BK-GDB-1A	BK/GDB-1A	EE-PCN26016
163	GDB	BK-GDB-1-6A	BK/GDB-1.6A	EE-PCN26016
164	GDB	BK-GDB-160MA	BK/GDB-160MA	EE-PCN26016
165	GDB	BK-GDB-1-25A	BK/GDB-1.25A	EE-PCN26016
166	GDC	GDC-800MA	GDC-800MA	EE-PCN26016
167	GDC	GDC-6-3A	GDC-6.3A	EE-PCN26016
168	GDC	GDC-630MA	GDC-630MA	EE-PCN26016
169	GDC	GDC-5A	GDC-5A	EE-PCN26016
170	GDC	GDC-500MA	GDC-500MA	EE-PCN26016
171	GDC	GDC-4A	GDC-4A	EE-PCN26016
172	GDC	GDC-3-15A	GDC-3.15A	EE-PCN26016
173	GDC	GDC-2A	GDC-2A	EE-PCN26016
174	GDC	GDC-2-5A	GDC-2.5A	EE-PCN26016
175	GDC	GDC-1A	GDC-1A	EE-PCN26016
176	GDC	GDC-1-6A	GDC-1.6A	EE-PCN26016
177	GDC	GDC-1-25A	GDC-1.25A	EE-PCN26016

178	GDC	BK-GDC-800MA	BK/GDC-800MA	EE-PCN26016
179	GDC	BK-GDC-6-3A	BK/GDC-6.3A	EE-PCN26016
180	GDC	BK-GDC-630MA	BK/GDC-630MA	EE-PCN26016
181	GDC	BK-GDC-5A	BK/GDC-5A	EE-PCN26016
182	GDC	BK-GDC-500MA	BK/GDC-500MA	EE-PCN26016
183	GDC	BK-GDC-4A	BK/GDC-4A	EE-PCN26016
184	GDC	BK-GDC-3-15A	BK/GDC-3.15A	EE-PCN26016
185	GDC	BK-GDC-2A	BK/GDC-2A	EE-PCN26016
186	GDC	BK-GDC-2-5A	BK/GDC-2.5A	EE-PCN26016
187	GDC	BK-GDC-1A	BK/GDC-1A	EE-PCN26016
188	GDC	BK-GDC-1-6A	BK/GDC-1.6A	EE-PCN26016
189	GDC	BK-GDC-1-25A	BK/GDC-1.25A	EE-PCN26016

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