

## 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#	Remark
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	