

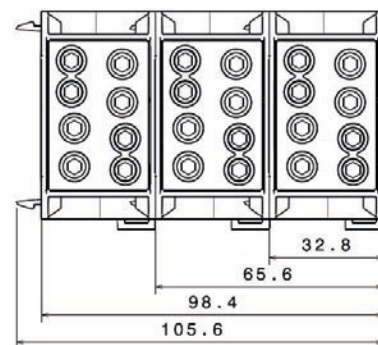
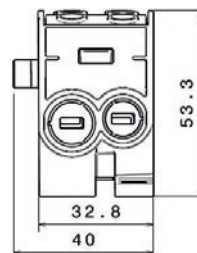
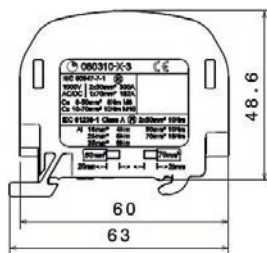
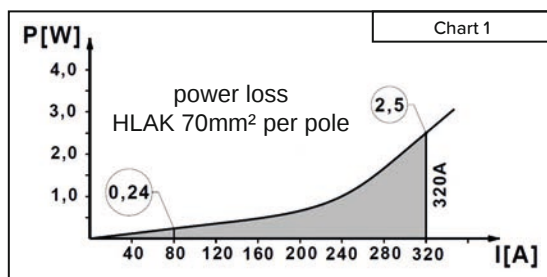
Technical data

Description:	Main Line Branch Terminal 70 mm ² – 1 pole (Al/Cu)
Construction:	Model C – all-side fingersafe, modular system
Item no. :	080310-x-3



18.10.2023

Remarks:	The product is compliant with the EC ROHS directives																																																																											
Standards:	IEC 60947-7-1, IEC 61238-1, UL-1059 / CSA C22.2 No.158-10, DIN VDE 0603-3-1																																																																											
	CE FI   																																																																											
Nominal Voltage:	1.000 V AC / 1.000 V DC																																																																											
Nominal current:	Cu 300 A (2x50mm ²); 192 A (1x70mm ²) as per IEC 60947-7-1 Al 300 A (2x50mm ²)* as per IEC 61238-1 (Class A)																																																																											
Power loss:	Tested by SGS Fimko Ltd  (see chart 1)																																																																											
Terminal cross section:	<table><thead><tr><th rowspan="3"></th><th colspan="3">2 x 70 mm² (round conductor)</th><th colspan="3">2 x 50 mm² (round conductor)</th></tr><tr><th colspan="2">Cu</th><th>Al</th><th colspan="2">Cu</th><th>Al</th></tr><tr><th></th><th></th><th></th><th></th><th></th><th></th></tr></thead><tbody><tr><td>70 mm²</td><td rowspan="6">10 Nm</td><td>-</td><td>18 Nm</td><td>-</td><td rowspan="6">6 Nm</td><td>-</td></tr><tr><td>50 mm²</td><td rowspan="4">10 Nm</td><td>10 Nm</td><td>-</td><td>10 Nm</td></tr><tr><td>35 mm²</td><td>8 Nm</td><td>8 Nm</td></tr><tr><td>25 mm²</td><td>6 Nm</td><td>6 Nm</td></tr><tr><td>16 mm²</td><td>4 Nm</td><td>4 Nm</td></tr><tr><td>10 mm²</td><td></td><td></td><td></td><td></td></tr><tr><td>6 mm²</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td></tr><tr><td>4 mm²</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>stripping length</td><td colspan="3">25 mm</td><td colspan="3">20 mm</td></tr><tr><td>screw</td><td colspan="3">M10 (SW 4 mm)</td><td colspan="3">M8 (SW 4 mm)</td></tr></tbody></table>				2 x 70 mm ² (round conductor)			2 x 50 mm ² (round conductor)			Cu		Al	Cu		Al							70 mm ²	10 Nm	-	18 Nm	-	6 Nm	-	50 mm ²	10 Nm	10 Nm	-	10 Nm	35 mm ²	8 Nm	8 Nm	25 mm ²	6 Nm	6 Nm	16 mm ²	4 Nm	4 Nm	10 mm ²					6 mm ²	-	-	-	-	-	-	4 mm ²							stripping length	25 mm			20 mm			screw	M10 (SW 4 mm)			M8 (SW 4 mm)		
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Flame resistance:	Self-extinguishing																																																																											
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Design

Basic housing colour – light grey RAL 7035

Part no.	Design	Cover colour	PU	GTIN (EAN)
080310-0-3	L "G"	light grey RAL 7035	3	4051589031035
080310-1-3	N	light blue RAL 5012	3	4051589031134
080310-2-3	PE	yellow-green RAL 6018	3	4051589031233
080310-3-3	L "B"	clay brown RAL 8003	3	4051589031332
080310-4-3	L "S"	jet black RAL 9005	3	4051589031431

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