

**Part no.**                    **GSU1**  
**289016**

<b>General specifications</b>		
Product name		Eaton xEffect Accessories fuse device NH fuse base
Part no.		GSU1
EAN		4015082890162
Product Length/Depth		107 millimetre
Product height		254 millimetre
Product width		196 millimetre
Product weight		1.6 kilogram
Compliances		RoHS conform
Certifications		VDE 0636-201 IEC/EN 60 269-2-1
Product Tradename		xEffect Accessories
Product Type		Fuse device
Product Sub Type		NH fuse base
<b>Delivery program</b>		
Type		Fuse bases NH fuse base
<b>Technical Data - Electrical</b>		
Voltage rating at AC		690 V AC
Voltage rating at DC		440 V DC
Rated insulation voltage (Ui)		750 V AC
Rated current (gl/gG) - max		250 A
Fuse current rating at 690 V - max		200 A
Rated operation current (Ie)		250 A
Frequency rating of contacts		40 Hz - 60 Hz
Operating altitude without derating - max		2000 m
Overvoltage category		III
Pollution degree		3
Direction of incoming supply		As required
<b>Technical Data - Mechanical</b>		
Mounting method		Screw-on
Mounting position		Vertical or horizontal
Degree of protection		IP00
Connection type		Connector M10
Terminal capacity (copper busbar)		Max. 30 mm x 10 mm for flat busbar at flange connection
Terminal capacity (flange connection) - max		25 mm <sup>2</sup> - 150 mm <sup>2</sup> (1x) for cable lugs
Terminal capacity (stranded cable)		25 mm <sup>2</sup> - 150 mm <sup>2</sup> (1x) at box terminal 70 mm <sup>2</sup> - 150 mm <sup>2</sup> at clamp-type terminal 70 mm <sup>2</sup> - 95 mm <sup>2</sup> (2x) at double clamp-type terminal
Tightening torque		30 Nm - 35 Nm 4.5 Nm
Construction size		NH1
Construction size fuse insert		NH1
Bus-mounting type		No
Screw diameter for flange connection		M10
Swivelling mechanism		No
Climatic proofing		Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>Design verification as per IEC/EN 61439 - technical data</b>		
Heat dissipation at Ith DC without NH-SE		8.6 W

Heat dissipation at ith AC without NH-SE		12.9 W
Ambient operating temperature details		-20 °C - 55 °C
Admissible heat dissipation (NH-SE) - max		23 W
<b>Additional information</b>		
Functions		NH fuse base
Used with		NH fuse base Fuse bases

## Technical data ETIM 9.0

Circuit breakers and fuses (EG000020) / Low Voltage HRC fuse base (EC000067)		
Electric engineering, automation, process control engineering / Electrical installation, device / Safety fuse systems / Low-Voltage HRC fuse base (ecl@ss13-27-14-21-06 [AKE278018])		
Construction size		NH1
Mounting method		Screw-on
Connection type		Connector M10
Number of poles		3
Rated current	A	250
Bus-mounting type		Yes
Swivelling mechanism		No
With extra contact		No
Halogen free		No