

**Part no.**                      **GSU3**  
**289018**

<b>General specifications</b>		
Product name		Eaton xEffect Accessories fuse device NH fuse base
Part no.		GSU3
EAN		4015082890186
Product Length/Depth		133 millimetre
Product height		272 millimetre
Product width		254 millimetre
Product weight		3.035 kilogram
Compliances		RoHS conform
Certifications		IEC/EN 60 269-2-1 VDE 0636-201
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		Contacts: 690 V AC
Voltage rating at DC		440 V DC
Rated insulation voltage (Ui)		750 V AC
Rated current (gl/gG) - max		630 A
Fuse current rating at 690 V - max		500 A
Rated operation current (Ie)		630 A
Frequency rating of contacts		40 Hz - 60 Hz
Operating altitude without derating - max		2000 mm
Overvoltage category		III
Pollution degree		3
Direction of incoming supply		As required
<b>Technical Data - Mechanical</b>		
Mounting method		Screw
Mounting position		Vertical or horizontal
Degree of protection		IP00
Connection type		Connector M10
Terminal capacity (copper busbar)		Max. 40 mm x 10 mm for flat busbar at flange connection
Terminal capacity (flange connection) - max		25 mm <sup>2</sup> - 300 mm <sup>2</sup> (1x) for cable lugs
Terminal capacity (stranded cable)		120 mm <sup>2</sup> - 300 mm <sup>2</sup> at clamp-type terminal 120 mm <sup>2</sup> - 240 mm <sup>2</sup> (2x) at double clamp-type terminal 25 mm <sup>2</sup> - 300 mm <sup>2</sup> at box terminal
Tightening torque		30 Nm - 35 Nm 11 Nm
Construction size		NH3
Bus-mounting type		No
Screw diameter for flange connection		M10
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>Design verification as per IEC/EN 61439 - technical data</b>		
Heat dissipation at Ith DC without NH-SE		34.7 W
Heat dissipation at Ith AC without NH-SE		52 W
Ambient operating temperature - min		-25 °C

Ambient operating temperature - max		55 °C
Admissible heat dissipation (NH-SE) - max		48 W
<b>Additional information</b>		
Used with		Fuse bases NH fuse base

## 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		NH3
Mounting method		Screw-on
Connection type		Connector M10
Number of poles		3
Rated current	A	630
Bus-mounting type		No
Swivelling mechanism		No
With extra contact		No
Halogen free		No