

Fuse base, 63A, 690 V, DIII/E33, fitted screw



Part no. **S33-1/C/FORMP**  
**027446**

General specifications		
Product name		Eaton Distribution parts
Part no.		S33-1/C/FORMP
EAN		4015080274469
Product Length/Depth		80 millimetre
Product height		79 millimetre
Product width		45 millimetre
Product weight		0.148 kilogram
Compliances		CEE 16 (fuse bases: S27(-1), S33(-1)) DIN 49510 (RS27 (33)-3/FORMP gauge screw system) VDE 0636 (protective covers) VDE 0636 (fuse bases: S27(-1), S33(-1)) DIN 49327 (gauge ring system) DIN 49326 (gauge ring system) DIN 49524 (gauge ring system) RoHS conform
Product Tradename		None
Product Type		Distribution parts
Product Sub Type		None
Public Consumption		Yes
Product Family Description		ES-PMCC-PDC-Eaton Distribution parts
Globally Marketable		Yes
Product Specification Details		
Ambient operating temperature - max		55 °C
Ambient operating temperature - min		-25 °C
Ambient operating temperature details		-5 °C - 25 °C (40 °C, where annual and 24-hour mean value $\leq$ 35 °C)
Amperage Rating		63 A
Construction size		DIII
Creepage and clearance distances		VDE 0636 Part 31 (Standard)
Current heat loss per contact at rated uninterrupted current Iu		7.5 W
Fuse cartridge		DIII, E33
Material		Plastic
Model		Fitted screw
Mounting position		As required
Rated operation current (Ie)		63 A
Rated operational voltage (Ue) - max		690 V
Rated uninterrupted current (Iu)		63 A
Special features		Can be snap fitted on top-hat rail to IEC/EN 60715 (35 mm) For gauge ring (gauge screw/FORMP) Gauge rings/gauge screws, fuse-links and fuse caps not included as standard Load carrying capacity of fuse enclosures taking into account the derating factors to IEC/EN 60439 and VDE 0660 Part 500 and Part 504, and the cross-sections of the incoming cable.
Terminal capacity (solid wire)		2.5 mm <sup>2</sup> - 16 mm <sup>2</sup> at box terminal 2.5 mm <sup>2</sup> - 16 mm <sup>2</sup>
Terminal capacity (stranded cable)		1.5 mm <sup>2</sup> - 25 mm <sup>2</sup> with ferrule
Type		Fuse bases Fuse bases 1 pole
Used with		Fuse bases 1 pole Fuse bases
Voltage rating		690 V
Voltage rating at AC		660 V AC 690 V AC Contacts: 690 V AC Relay contacts: 660 V AC at AC-15 Relay contacts: 690 V AC at AC-15

## Technical data ETIM 9.0

Circuit breakers and fuses (EG000020) / D-system fuse base (EC000094)		
Electric engineering, automation, process control engineering / Electrical installation, device / Safety fuse systems / Diazed fuse base (ecl@ss13-27-14-21-03 [AFZ802019])		
Number of poles		1
Construction size		DIII
Material		Plastic
Model		Fitted screw
Version with cover		No
Mounting method		DIN rail
Rated voltage	V	690
Rated current	A	63