

Busbar mount fuse base, 63A, 400 V, E18/D02, 27

Part no. **D02-SO/63/3-R-27**
 Catalog No. **114315**

Delivery program

Product range			60 mm system 185 mm system
Basic function			Busbar fuse material
Subrange			D busbar mounted fuse devices Basic devices
Description			Including protective shroud with front and bottom plate Delivery, empty, without screw cap, with marking plate
Type			Guage ring
Rated operational current	I_e	A	63
Rated operational voltage	U_e	V AC	400
Frame size			E18, D 02
Mounting width		mm	27
For use with			12 x 5/10 20 x 5/10 25 x 5/10 30 x 5/10
For use with			Double T profile

Technical data

General

Standards			Version according to IEC/EN 60269-1, VDE 0636 Part 301
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			-25 - +55
Interval between busbar centres		mm	60
Mounting position			Vertical or horizontal
Overvoltage category/pollution degree			III/3
Degree of Protection			IP 20 enclosed
Weight		kg	0.15

Contacts

Rated frequency	f	Hz	40 - 60
Rated impulse withstand voltage	U_{imp}	kV	6
Interval between busbar centres		mm	60
Overvoltage category/pollution degree			III/3

Electrical data

Number of poles			3 pole
Number of poles			3P
Rated operational voltage	U_e	V	
Rated operating voltage	U_e	V AC	400
Rated conditional short-circuit current tested with links	I_q	kA	50
Rated frequency	f	Hz	40...60
Rated operational current	I_e	A	63
Conventional thermal current	I_{th}	A	63
Control mode			Uninterrupted operation
Overvoltage category			IV
Rated impulse withstand voltage	U_{imp}	kV	6
Current heat loss per contact at I_e		W	0.5
Power loss			
Heat dissipation per contact with fuse link at I_e		W	1.5
Fuse		W	5.5

Max. fuse

Frame size			E18, D 02
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Terminal capacity

Box terminal			
Solid		mm ²	1.5 – 35

Mechanical variables

Terminals			Lift terminals
Tightening torque of terminal screws		Nm	3 – 4
Enclosure width		mm	201
Mounting width		mm	27
Electrical hoist			E18
Overvoltage category/pollution degree			III/3

Notes

Fuse-links

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55

Technical data ETIM 8.0

Circuit breakers and fuses (EG000020) / D0-system fuse base (EC001644)			
Electric engineering, automation, process control engineering / Electrical installation, device / Safety fuse systems / Neozed fuse base (ecl@ss10.0.1-27-14-21-20 [ACN355011])			
Number of poles			3
Construction size			D02
Material			Plastic
Version with cover			No
Mounting method			Busbar system
Rated voltage		V	400
Rated current		A	63