



Bus-mounted fuse base, 63A, 690 V, DIII/E33, 54mm

Part no. **DIII-SO/63/3-R**  
Catalog No. **107966**

## 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			Push-in gauge ring
Rated operational current	$I_e$	A	63
Rated operational voltage	$U_e$	V AC	690
Frame size			E33, D III
Mounting width		mm	54
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  35 °C normal temperature At 55 °C with reduced operating current
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	4
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	690
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			III
Rated impulse withstand voltage	$U_{imp}$	kV	4
Current heat loss per contact at $I_e$		W	3.34
Power loss			
Heat dissipation per contact with fuse link at $I_e$		W	10
Fuse		W	7

### Max. fuse

Frame size			E33, D III
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### Terminal capacity

Box terminal			
Solid		mm <sup>2</sup>	1.5 – 25

### Mechanical variables

Terminals			Lift terminals
Tightening torque of terminal screws		Nm	2.6
Enclosure width		mm	200
Mounting width		mm	54
Electrical hoist			E33
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 7.0

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@ss10.0.1-27-14-21-03 [AFZ802014])			
Number of poles			3
Construction size			DIII
Material			Plastic
Model			Fitted ring
Version with cover			No
Mounting method			Rail system
Rated voltage		V	690
Rated current		A	63

## Dimensions

