DATASHEET - DIII-SO/63/3-R

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

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

Powering Business Worldwide

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

Terminal capacity

Box terminal			
Solid		mm^2	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

Dimensions