

Part no. **DII-S0/25/3-R**
 Catalog No. **107965**

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	25
Rated operational voltage	U_e	V AC	500
Frame size			E27, D II
Mounting width		mm	45
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	0.14

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	500
Rated conditional short-circuit current tested with links	I_q	kA	50
Rated frequency	f	Hz	40...60
Rated operational current	I_e	A	25
Conventional thermal current	I_{th}	A	25
Control mode			Uninterrupted operation
Overvoltage category			III
Rated impulse withstand voltage	U_{imp}	kV	4
Current heat loss per contact at I_e		W	0.4
Power loss			

Heat dissipation per contact with fuse link at I_e	W	1.2
Fuse	W	4

Max. fuse

Frame size		E27, D II
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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	45
Electrical hoist		E27
Overvoltage category/pollution degree		III/3

Notes

Fuse-links	
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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) / 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		DII
Material		Plastic
Model		Fitted ring
Version with cover		No
Mounting method		Busbar system
Rated voltage	V	500
Rated current	A	25