

DATASHEET - GST00-DSI



Cover with fuse monitoring, size 00

**Part no.
Catalog No.**

**GST00-DSI
107956**



Similar to illustration

Delivery program

Product range			60 mm system
Basic function			Cover with fuse monitoring
			Operation indication 1 LED green Fault indication fuse failure 3 LEDs red (F1, F2, F3) Fault indication via relay contacts (potential-free) 1 N/O + 1 N/C AC15: 24 V / 4 A, 230 V / 3 A AC13: 24 V / 1 A, 230 V / 0.5 A Terminal capacity: 0.25 - 1.5 mm ²
Frame size			00
Rated operational voltage	U _e	V	400 - 690 V AC / 50 - 60 Hz
For use with			GSTA00...

Technical data

General

Standards			IEC/EN 60255, VDE 0435 part 303
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Altitude		m	Max. 2000
Interval between busbar centres		mm	60
Mounting position			Vertical or horizontal
Overvoltage category/pollution degree			III/3
Degree of Protection			IP20
Direction of incoming supply			as required
Lifespan, mechanical	Operations		10

Contacts

Rated operational voltage	U _e	V	3 x 400 - 600
Voltage range		V AC	0.9 ... 1.1 x U _e
Rated frequency	f	Hz	50 - 60
Energy consumption	KP	VA	1.5 (L2/L3)
Rated insulation voltage	U _i	V	690
Rated impulse withstand voltage	U _{imp}	kV	6
Rated voltage	U _e	V AC	250
Rated current	I _e	A	8 A DC
Inrush current		A	min - max ≤ 15
Interval between busbar centres		mm	60
Overvoltage category/pollution degree			III/3
Electrical		Operations	≥ 80000
Minimum switching load			5 V AC/DC, 300 mW, 5mA
Max. switching duty			
AC 1		VA	2000
250 V AC 15		VA	400
250 V AC 3		W	300
Max. admissible back-up fuse			4 A gL/gG / PLSM-B4...-HS

Electrical data

Rated frequency	f	Hz	50 - 60
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Overvoltage category		III
Rated impulse withstand voltage	U_{imp} kV	6
Relay contacts		
Electrical	Operations	80000
Lifespan, mechanical	Operations	10
Max. fuse		
Frame size		00
Terminal capacity		
Pick-up/drop-out time	ms	< 500
Mechanical variables		
Terminals		Lift terminals
Terminal cross-section, flexible	mm ²	0,25 - 1,5
Tightening torque of terminal screws	Nm	0.5 - 0.6
Lifespan, mechanical	Operations	10
Temperature range	°C	-10 ... +55
Terminal capacities	mm ²	0.25 - 1.5
Overvoltage category/pollution degree		III/3

Dimensions

