



NH fuse switch-disconnector, 250A, 500V/250A, 690V/200A, size 1

Part no. GSTA1
Catalog No. 017250



Similar to illustration

Delivery program

			For fitting on mounting plate
Number of poles			3 pole
Rated operational current	I_e	A	250
Max. fuse			
500 V		A	250
690 V		A	200
Frame size			NH1
For use with			In conjunction with adapter plates: A-GSTA...

Technical data

General

Standards			IEC/EN 60947-3
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature		°C	-20 - +55
Altitude		m	Max. 2000
Mounting position			Vertical or horizontal
Overvoltage category/pollution degree			III/3
Degree of protection, from the front			
Operational state			IP20
Front cover open			IP10
Direction of incoming supply			as required
Lifespan, mechanical	Operations		1400
Weight		kg	2.5

Contacts

Rated operational voltage	U_e	V AC	500
Rated operational voltage	U_e	V DC	220
Rated operational current	I_e	A	250
Rated frequency	f	Hz	40 - 60
Rated conditional short-circuit current AC	I_q	kA _{eff}	50
Rated conditional short-circuit current, DC	I_q	kA _{rms}	25
Utilization category AC22B			
Rated making capacity		A	750
Rated breaking capacity		A	750
Utilization category DC21B			
Rated making capacity		A	300
Rated breaking capacity		A	300
Lifespan, electrical	Operations		200
Lifespan, mechanical	Operations		1400
Heat dissipation at I_{th} AC, without NH-SE		W	12.9
Heat dissipation at I_{th} DC, without NH-SE		W	8.6
Rated insulation voltage	U_i	V AC	750
Rated impulse withstand voltage	U_{imp}	kV	8
Rated insulation voltage	U_i	V	750

Max. fuse

Frame size			NH1
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Max. rated current, gL/gG		A	250
Max. admissible heat dissipation NH-SE	P _V	W	23

Terminal capacity

Flange connection			
Main cable	d	mm	M10
Cable lug		mm ²	1 x 25 - 150
Flat busbar	max.	mm	30 x 10
Tightening torque		Nm	30 - 35
Box terminal			
Stranded copper		mm ²	25 ... 150
Copper braid	Lamellenzahl x Breite x Dicke	mm	6 x 16 x 0.8
Tightening torque		Nm	9.5
Clamp-type terminal			
Stranded aluminium/copper		mm ²	70 ... 150
Tightening torque		Nm	4.5
Double clamp-type terminal			
Stranded aluminium/copper		mm ²	2 x (70 - 95)
Tightening torque		Nm	4.5

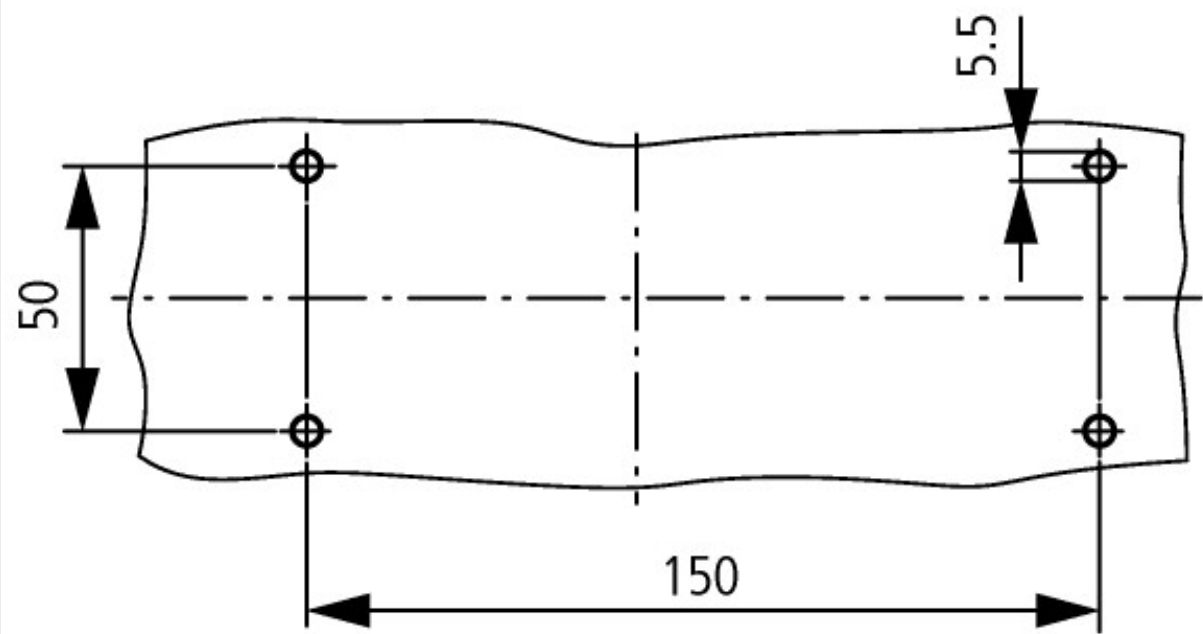
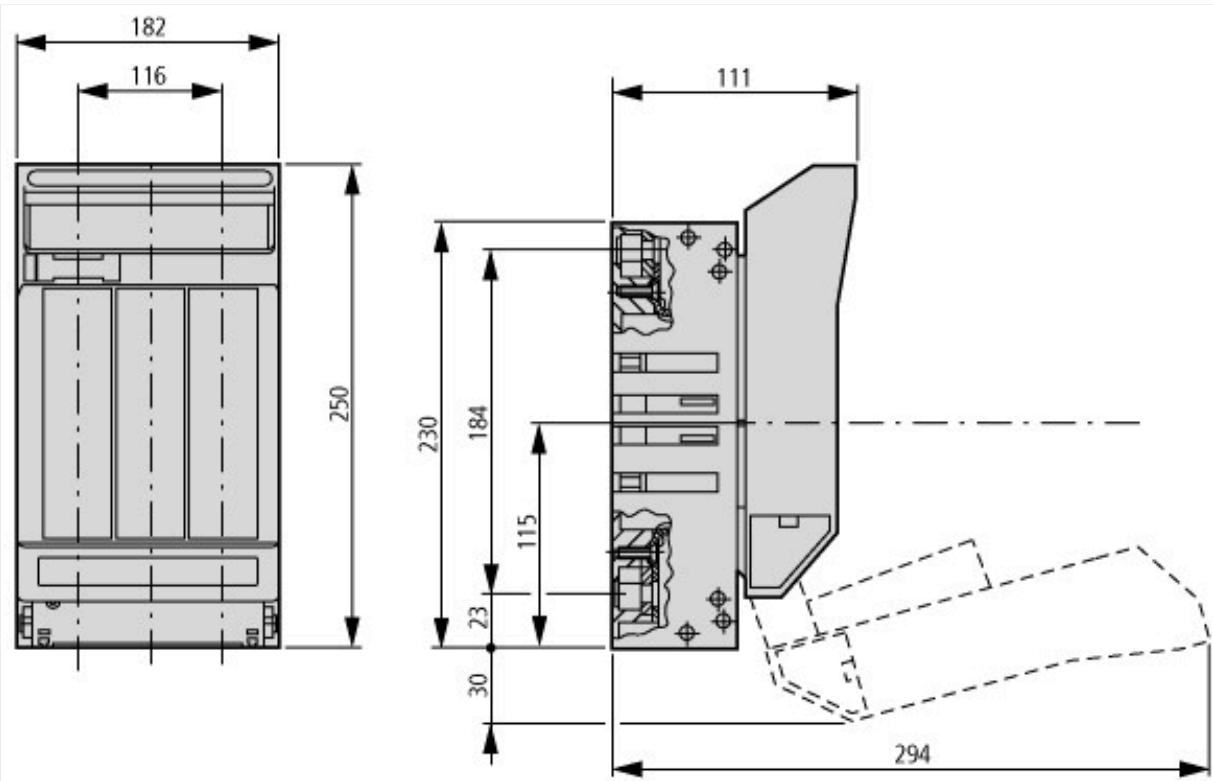
Notes

Fuse-link

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Fuse switch disconnecter (EC001040)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Fuse switch disconnecter (ecI@ss10.0.1-27-37-14-01 [AKF058013])			
Version as main switch			No
Version as safety switch			No
Max. rated operation voltage U _e AC		V	690
Rated permanent current I _u		A	250
Rated operation power at AC-23, 400 V		kW	0
Conditioned rated short-circuit current I _q		kA	50
Rated short-time withstand current I _{cw}		kA	0
Suitable for fuses			NH1
Number of poles			3
With error protection			No
Type of electrical connection of main circuit			Cable clamp
Cable entry			
Equipped with connectors			
Suitable for ground mounting			Yes
Suitable for front mounting 4-hole			No
Suitable for busbar mounting			No
Type of control element			Cover grip
Position control element			Front side
Motor drive optional			No
Motor drive integrated			No
Version as emergency stop installation			No
Degree of protection (IP), front side			IP20

Dimensions



Drilling dimensions