

NH fuse switch-disconnector, 400A, 500V/400A, 690V/315A, size 2

Powering Business Worldwide*

Part no. GSTA2 Article no. 021996

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112	IIVEIV		
		PIU	q i u i i i

			For fitting on mounting plate
Number of poles			3 pole
Rated operational current	I _e	Α	400
Max. fuse			
500 V		Α	400
690 V		Α	315
Frame size			NH2
For use with			In conjunction with adapter plates: A-GSTA

IEC/EN 61131-3

Technical data

General
Standards

			120/211011010
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			111/3
Degree of protection, from the front			
Operational state			IP20
Front cover open			IP10
Direction of incoming supply			as required
Lifespan, mechanical	Operations		800
Weight		kg	3.3
Contacts			
Rated operational voltage	U _e	V AC	500
Rated operational voltage	U _e	V DC	220
Rated operational current	l _e	Α	400
Rated frequency	f	Hz	40 - 60
Rated conditional short-circuit current AC	Iq	kA _{eff}	50
Rated conditional short-circuit current, DC	Iq	kA _{rms}	25
Utilization category AC22B			
Rated making capacity		Α	1200
Rated breaking capacity		Α	1200
Utilization category DC21B			
Rated making capacity		Α	475
Rated breaking capacity		Α	475
Lifespan, electrical	Operations		200
Lifespan, mechanical	Operations		800
Heat dissipation at I _{th} AC, without NH-SE		W	27
Heat dissipation at I _{th} DC, without NH-SE		W	18
Rated insulation voltage	Ui	V AC	750
Rated impulse withstand voltage	U _{imp}	kV	8
Rated insulation voltage	Ui	V	750
Max. fuse			
Frame size			NH2
Max. rated current, gL/gG		Α	400

Frame size			NH2
Max. rated current, gL/gG		Α	400
Max. admissible heat dissipation NH-SE	P_{v}	W	34

Terminal capacity

Torrinar oupdorty			
Flange connection			
Main cable	d	mm	M10
Cable lug		mm^2	1 x 25 - 240
Flat busbar	max.	mm	30 x 10
Tightening torque		Nm	30 - 35
Box terminal			
Stranded copper		mm^2	25 240
Copper braid	Lamellenzahl x Breite x Dicke	mm	10 x 16 x 0.8
Tightening torque		Nm	23
Clamp-type terminal			
Stranded aluminium/copper		mm^2	120 240
Tightening torque		Nm	11
Double clamp-type terminal			
Stranded aluminium/copper		mm ²	2 x (120 - 150)
Tightening torque		Nm	11

Notes

Fuse-link

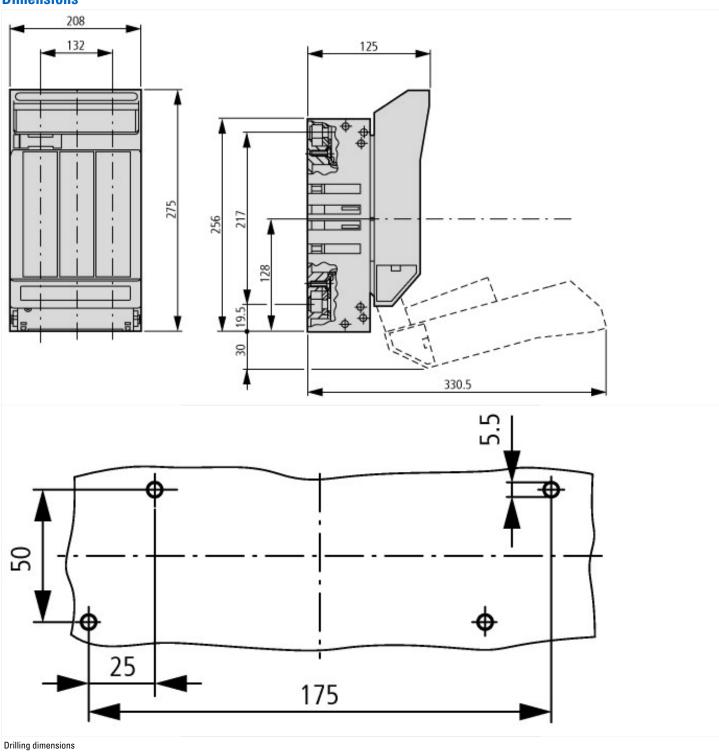
Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Fuse switch disconnector (EC001040)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Fuse switch disconnector (eci@ss8.1-27-37-14-01 [AKF058010])

Version as main switch No Version as safety switch No Max. rated operation voltage Ue AC V Rated permanent current lu A Rated operation power at AC-23, 400 V kW Conditioned rated short-circuit current lq kA Rated short-time withstand current lcw kA Suitable for fuses NH2 Number of poles 3 With error protection No Type of electrical connection of main circuit Screw connection Suitable for ground mounting No Suitable for front mounting 4-hole No Suitable for busbar mounting No Type of control element Rocker lever Position control element Front side Motor drive optional No Motor drive integrated No Version as emergency stop installation No Postron of extention (IR) for tricine IR20	(ecl@ss8.1-27-37-14-01 [AKF058010])		
Max. rated operation voltage Ue AC V 690 Rated permanent current Iu A 400 Rated operation power at AC-23, 400 V kW 160 Conditioned rated short-circuit current Iq kA 50 Rated short-time withstand current Icw kA 50 Suitable for fuses NH2 NH2 Number of poles 3 3 With error protection No Screw connection Type of electrical connection of main circuit Screw connection Suitable for ground mounting No No Suitable for front mounting 4-hole No No Suitable for busbar mounting No Rocker lever Position control element Rocker lever Front side Motor drive optional No No Motor drive integrated No No Version as emergency stop installation No No	Version as main switch		No
Rated permanent current lu Rated operation power at AC-23, 400 V Rodditioned rated short-circuit current lq Rated short-time withstand current lcw Rated short-circuit current lq Rate	Version as safety switch		No
Rated operation power at AC-23, 400 V Conditioned rated short-circuit current Iq Rated short-time withstand current Icw Suitable for fuses Number of poles With error protection Type of electrical connection of main circuit Suitable for ground mounting Suitable for front mounting 4-hole Suitable for busbar mounting Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation	Max. rated operation voltage Ue AC	V	690
Conditioned rated short-circuit current Iq Rated short-time withstand current Icw Suitable for fuses Number of poles With error protection Type of electrical connection of main circuit Suitable for ground mounting Suitable for front mounting 4-hole Suitable for busbar mounting Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation KA 50 kA 50 NH2 NO Screw connection No No Screw connection No No Rocker lever Front side No No No No No No No No No N	Rated permanent current lu	Α	400
Rated short-time withstand current lcw Suitable for fuses NH2 Number of poles With error protection No Type of electrical connection of main circuit Suitable for ground mounting Suitable for front mounting 4-hole Suitable for busbar mounting Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation NH2 NH2 No Screw connection No No No No Rocker lever Front side No No No No No No No No No N	Rated operation power at AC-23, 400 V	kW	160
Suitable for fuses Number of poles 3 With error protection Type of electrical connection of main circuit Suitable for ground mounting No Suitable for front mounting 4-hole No Suitable for busbar mounting No Type of control element Position control element Motor drive optional Motor drive integrated No No No No No No No No No N	Conditioned rated short-circuit current Iq	kA	50
Number of poles With error protection Type of electrical connection of main circuit Suitable for ground mounting Suitable for front mounting 4-hole Suitable for busbar mounting No Suitable for busbar mounting No Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation Screw connection No No No No No No No No No	Rated short-time withstand current lcw	kA	50
With error protection Type of electrical connection of main circuit Suitable for ground mounting Suitable for front mounting 4-hole Suitable for busbar mounting Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation No Screw connection No No No No No No No No No	Suitable for fuses		NH2
Type of electrical connection of main circuit Suitable for ground mounting No Suitable for front mounting 4-hole Suitable for busbar mounting Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation Screw connection No No No No No No No No No	Number of poles		3
Suitable for ground mounting Suitable for front mounting 4-hole No Suitable for busbar mounting Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation No No No No No No	With error protection		No
Suitable for front mounting 4-hole Suitable for busbar mounting No Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation No No	Type of electrical connection of main circuit		Screw connection
Suitable for busbar mounting No Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation No No	Suitable for ground mounting		No
Type of control element Position control element Motor drive optional Motor drive integrated Version as emergency stop installation Rocker lever Front side No No No	Suitable for front mounting 4-hole		No
Position control element Motor drive optional Motor drive integrated Version as emergency stop installation Front side No No No	Suitable for busbar mounting		No
Motor drive optional No Motor drive integrated No Version as emergency stop installation No	Type of control element		Rocker lever
Motor drive integrated No Version as emergency stop installation No	Position control element		Front side
Version as emergency stop installation No	Motor drive optional		No
	Motor drive integrated		No
Degree of protection (IP) front cide	Version as emergency stop installation		No
begies of protection (if), from side	Degree of protection (IP), front side		IP20

Dimensions



Additional product information (links)

AWA4640-0589 Fuse switch-disconnector	
AWA4640-0589 Fuse switch-disconnector	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/05890696.pdf
AWA1400-1226 Fuse switch disconnector	
AWA1400-1226 Fuse switch disconnector	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/12260696.pdf