

Product designation				Switch disconnector
Product type designation				GA
Number of poles	Nr.			3
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I <sub>th</sub>	A			63
Rated insulation voltage U <sub>i</sub> IEC/EN	V			1000
Rated impulse withstand voltage U <sub>imp</sub>	kV			8
Operating current I <sub>e</sub>				
AC21A	400V	A	63	
	500V	A	63	
	690V	A	63	
AC22A	400V	A	63	
	500V	A	45	
	690V	A	45	
AC23A	400V	A	45	
	500V	A	25	
	690V	A	25	
Power dissipation per pole max	W			2.9
Rated operational power AC23A	400V	kW	22	
	690V	kW	22	
Rated short time current (1s) I <sub>cw</sub> (rms)	kA			2.5
Conditional short-circuit current (rms)	kA			10
Short-circuit protection with fuse	Class/A			gG63
Making capacity AC23A 400V	A			450
Breaking capacity AC23A 400V	A			360
Mechanical life	cycles			100000
Electrical life AC21A	cycles			15000
Mechanical features				
Operating position	normal allowable			Vertical plan Any
Fixing				Screw / DIN rail 35mm
Terminals	type width height screw tool	mm mm	Pillar 12.4 6.5 M8 Metric Allen key 4	
Tightening torque for terminals	min max min max	Nm Nm lbin lbin	1.8 2 16 18	
Conductor section	IEC min IEC max	mm <sup>2</sup> mm <sup>2</sup>	0.75 16	

AWG/kcmil min	18
AWG/kcmil max	6

#### UL technical data

UL Standard	UL98		
General purpose current rating	A	60	
Horsepower/FLA current three phase motor	240V	HP	15/42
	480V	HP	30/40
	600V	HP	30/32
Short circuit rating	kA rms	5	
Short circuit rating with fuse	Class/A	RK5/45	
Minimum enclosure dimensions at rated current	mm	mm	150x140x110
	in	in	5.9 x 5.5 x 4.3

#### Ambient conditions

Operating temperature	min	°C	-25
	max	°C	+55
Storage temperature	min	°C	-40
	max	°C	+70
Max altitude	m		3000

#### Resistance & Protection

Frontal IP degree	IP20		
Pollution degree	3		

#### ETIM classification

ETIM 8.0	EC000216 - Switch disconnect		
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