

Product designation				Switch disconnectors
Product type designation				GA
Number of poles	Nr.			3
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}	A			40
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse withstand voltage U _{imp}	kV			8
Operating current I _e				
AC21A	400V	A	40	
	500V	A	40	
	690V	A	40	
AC22A	400V	A	40	
	500V	A	40	
	690V	A	40	
AC23A	400V	A	40	
	500V	A	25	
	690V	A	25	
Power dissipation per pole max	W			1
Rated operational power AC23A	400V	kW	18.5	
	690V	kW	22	
Conditional short-circuit current (rms)	kA			10
Short-circuit protection with fuse	Class/A			gG40
Making capacity AC23A 400V	A			400
Breaking capacity AC23A 400V	A			320
Mechanical life	cycles			100000
Electrical life AC21A	cycles			100000
Mechanical features				
Operating position	normal allowable			Vertical plan Any
Fixing				Screw / DIN rail 35mm
Terminals	type width height screw tool	mm mm	Pillar 5.6 6.5 M4 Phillips 2	
Tightening torque for terminals	min max min max	Nm Nm lbin lbin	1.8 2 16 18	
Conductor section	IEC min IEC max AWG/kcmil min	mm ² mm ²	0.75 16 18	

AWG/kcmil max 6

UL technical data

UL Standard	UL60947-4-1		
General purpose current rating	A	40	
Operating voltage max	V	600	
Horsepower/FLA current three phase motor	240V	HP	15/42
	480V	HP	20/27
	600V	HP	25/27
Short circuit rating	kA rms	5	
Short circuit rating with fuse	Class/A	RK5/45	

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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