

Product designation	Switch disconnector	
Product type designation	GA	
Number of poles	Nr. 3	
Operating voltage type	AC	
<b>Contact characteristics</b>		
IEC Conventional free air thermal current $I_{th}$	A 30	
Rated insulation voltage $U_i$ IEC/EN	V 1000	
Rated impulse withstand voltage $U_{imp}$	kV 8	
Operating current $I_e$		
AC21A		
400V	A 30	
500V	A 30	
690V	A 30	
AC22A		
400V	A 30	
500V	A 30	
690V	A 30	
AC23A		
400V	A 30	
500V	A 30	
690V	A 30	
Power dissipation per pole max	W 0.4	
Rated operational power AC23A		
400V	kW 15	
690V	kW 30	
Rated short time current (1s) $I_{cw}$ (rms)	kA 2.5	
Conditional short-circuit current (rms)	kA 50	
Short-circuit protection with fuse	Class/A gG63	
Making capacity AC23A 400V	A 300	
Breaking capacity AC23A 400V	A 240	
Mechanical life	cycles 30000	
Electrical life AC21A	cycles 30000	
<b>Mechanical features</b>		
Operating position	normal allowable	Vertical plan Any
Fixing		Screw / DIN rail 35mm
Terminals	type width height screw tool	Pillar mm 12.4 mm 10.4 M8 Metric Allen key 4
Tightening torque for terminals	min max min max	Nm 5 Nm 6 lbin 45 lbin 54
Conductor section	IEC min IEC max	mm <sup>2</sup> 4 mm <sup>2</sup> 70

	AWG/kcmil min	12
	AWG/kcmil max	1
Weight	g	388
<b>UL technical data</b>		
UL Standard		
General purpose current rating		
Operating voltage max		
Horsepower/FLA current three phase motor		
	240V	HP/A 10/28
	480V	HP/A 20/27
	600V	HP/A 30/32
Short circuit rating	kA rms	50 (600V) / 100 (480V)
Short circuit rating with fuse	Class/A	J/60A / CC-J- T/max. 200A
Minimum enclosure dimensions at rated current		
	mm	150x140x110
	in	5.9 x 5.5 x 4.3
<b>Ambient conditions</b>		
Operating temperature		
	min	°C -25
	max	°C +55
Storage temperature		
	min	°C -40
	max	°C +70
Max altitude	m	3000
<b>Resistance &amp; Protection</b>		
Frontal IP degree		IP20
Pollution degree		3
ETIM classification		EC000216 - Switch disconnector
ETIM 8.0		