



Assembled  
changeover  
switch

Product designation				Assembled changeover switch
Product type designation				GA
Number of poles	Nr.			4
Operating voltage type				AC
<b>Contact characteristics</b>				
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
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
<b>Mechanical features</b>				
Operating position	normal allowable			Vertical plan Any
Fixing				Screw / DIN rail 35mm
Terminals	type			Pillar
	width	mm	5.6	
	height	mm	6.5	
	screw			M4
	tool			Phillips 2
<b>Tightening torque for terminals</b>				

min	Nm	1.8
max	Nm	2
min	I <sub>bin</sub>	16
max	I <sub>bin</sub>	18

Conductor section

IEC min	mm <sup>2</sup>	0.75
IEC max	mm <sup>2</sup>	16
AWG/kcmil min		18
AWG/kcmil max		6

Weight

g	1250
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Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

m	3000
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Resistance & Protection

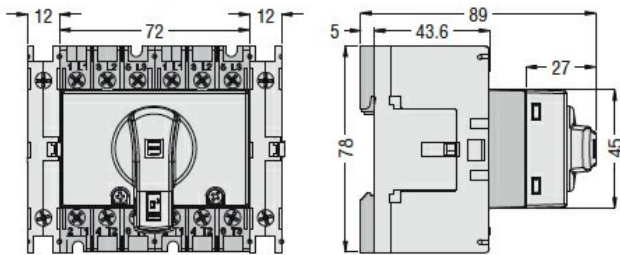
Frontal IP degree

IP20

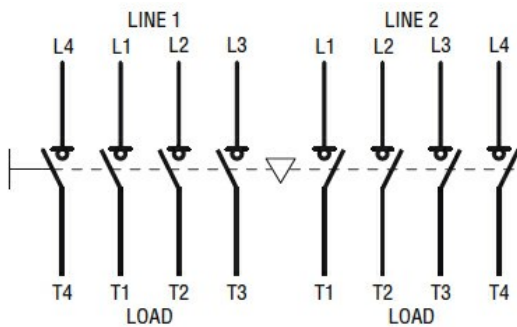
Pollution degree

3

Dimensions



Wiring diagrams



ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter