

Product designation				Changeover Switch
Product type designation				GA
Number of poles	Nr.			3
Operating voltage type				AC
<b>Contact characteristics</b>				
IEC Conventional free air thermal current I <sub>th</sub>	A			80
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	80	
	500V	A	80	
	690V	A	80	
AC22A	400V	A	80	
	500V	A	80	
	690V	A	80	
AC23A	400V	A	80	
	500V	A	63	
	690V	A	47	
Power dissipation per pole max	W			2.6
Rated operational power AC23A	400V	kW	45	
	690V	kW	45	
Rated short time current (1s) I <sub>cw</sub> (rms)	kA			2.5
Conditional short-circuit current (rms)	kA			50
Short-circuit protection with fuse	Class/A			gG80
Making capacity AC23A 400V	A			1250
Breaking capacity AC23A 400V	A			1000
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		Pillar	
	width	mm	12.4	
	height	mm	10.4	
	screw	M8		
	tool	Metric Allen key 4		

Tightening torque for terminals

min	Nm	5
max	Nm	6
min	lbin	45
max	lbin	54

Conductor section

IEC min	mm <sup>2</sup>	4
IEC max	mm <sup>2</sup>	70
AWG/kcmil min		12
AWG/kcmil max		1

Weight

g 881

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

m 3000

Resistance & Protection

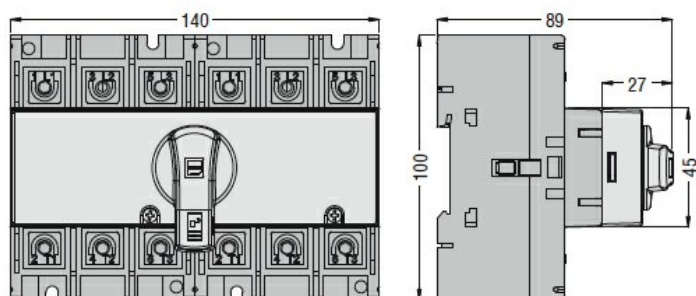
Frontal IP degree

IP20

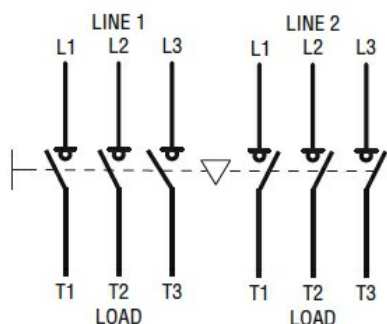
Pollution degree

3

Dimensions



Wiring diagrams



ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter