GA016C

THREE-POLE SWITCH DISCONNECTOR, DOOR-MOUNT VERSION, 16A

Contact characteristics				
IEC Conventional free air thermal current Ith ≤ 40°C			A	16
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	8
Operating current Ie				
	AC21A			
		400V	A	16
		500V	A	16
		690V	A	16
	AC22A			
		400V	A	16
		500V	A	16
		690V	A	16
	AC23A			
		400V	A	16
		500V	A	16
		690V	A	16
Power dissipation per pole max			W	0.2
Rated operational power AC23A				
		400V	kW	7.5
		690V	kW	11
Reactive power for control of capacitors at				
Rated short time current (1s) Icw (rms)			kA	0.8
Conditional short-circuit current (rms)			kA	10
Short-circuit protection with fuse			Class/A	gG16
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		Vertical plan
		allowable		Any
Fixing				Screw / DIN rail 35mm
Terminals				
		type		Pillar
		width	mm	5.6
		height	mm	6.5
		screw		M4
		tool		Phillips 2
Tightening torque for terminals				
		min	Nm	1.8
		max	Nm	2
		min	lbin	16

	max	lbin	18
Conductor section			
	IEC min	mm²	0.75
	IEC max	mm²	16
	AWG/kcmil min		18
	AWG/kcmil max	kcmil	6

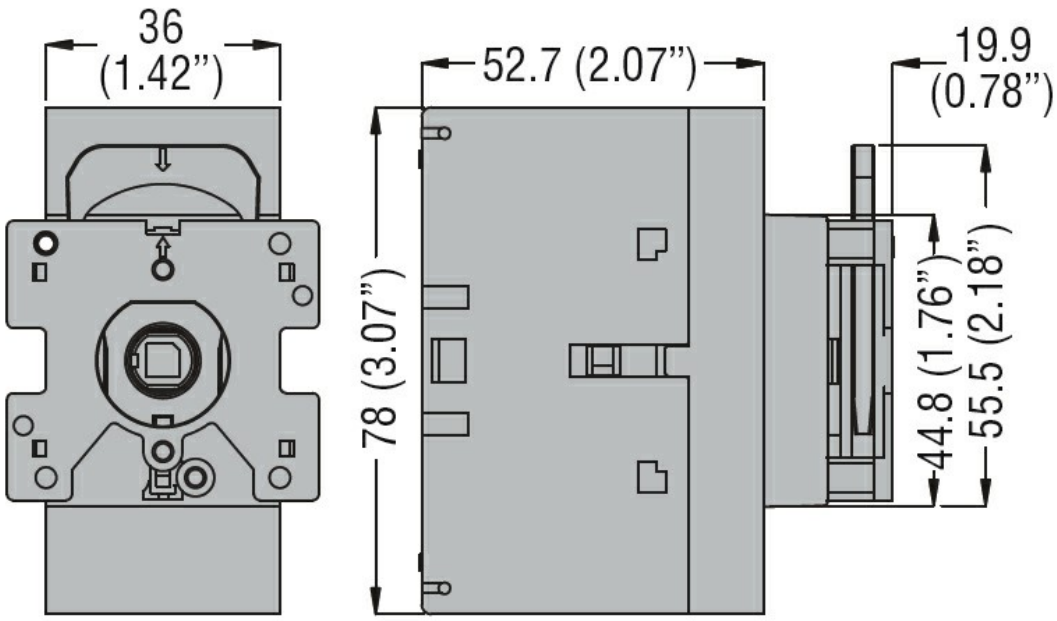
Ambient conditions

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

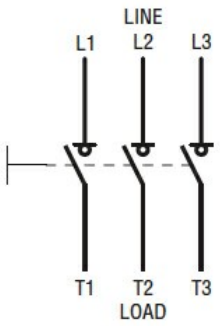
Resistance & Protection

Frontal IP degree	IP20
Pollution degree	3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°60947-4-1
IEC/EN 60335-2-89
IEC/EN 60947-1

	IEC/EN 60947-3
	UL60947-4-1
Certifications	
	CCC
	CSA C22.2 n. 60335-2-40:22 LZGH A2L
	CSA C22.2 n°60947-4-1
	CSA C22.2 No. 60335-2-89:21 LZGH A2L
	cULus according to UL60947-4-1
	EAC
	KEMA
	UL 60335-2-40 LZGH A2L
	UL 60335-2-89 LZGH A2L

ETIM classification

ETIM 8.0	EC000216 - Switch disconnector