GMFJ030C12

THREE-POLE DISCONNECT SWITCH WITH FUSE HOLDER (UL98). 30A. J UL FUSE TYPE. CENTRAL COMMAND POLE

Contact characteristics			
IEC Conventional free air thermal current Ith ≤ 40°C		A	32
IEC Conventional free air thermal current Ith ≤ 65°C		A	25
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	12
Operating current Ie			
AC21A			
	400V	A	32
	500V	A	32
AC22A			
	400V	A	32
	500V	A	63
AC23A			
	400V	A	32
	500V	A	32
Power dissipation per pole max		W	2
Max fuse power dissipation			
	in open air	W	3.5
	in enclosure	W	3.5
Reactive power for control of capacitors at			
Rated short time current (1s) Icw (rms)		kA	1
Short-circuit protection with fuse		Class/A	J-CC/30
Making capacity AC23A 400V		A	320
Breaking capacity AC23A 400V		A	256
Mechanical life		cycles	10000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		Any
Fixing			Screw / DIN rail 35mm
Terminals			
	type		Built-in terminal lug
Tightening torque for terminals			
	max	Nm	2
	max	lbin	17
Conductor section			
	IEC min	mm²	1
	IEC max	mm²	10
	AWG/kcmil min		18
	AWG/kcmil max	kcmil	8
UL technical data			
UL Standard			UL98
General purpose current rating		A	30

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Operating voltage max		V	600
Horsepower/FLA current three phase motor			
	240V	HP/A	7.5/22
	480V	HP/A	15/21
	600V	HP/A	20/22
Short circuit rating		kA rms	200
Short circuit rating with fuse		Class/A	J/30

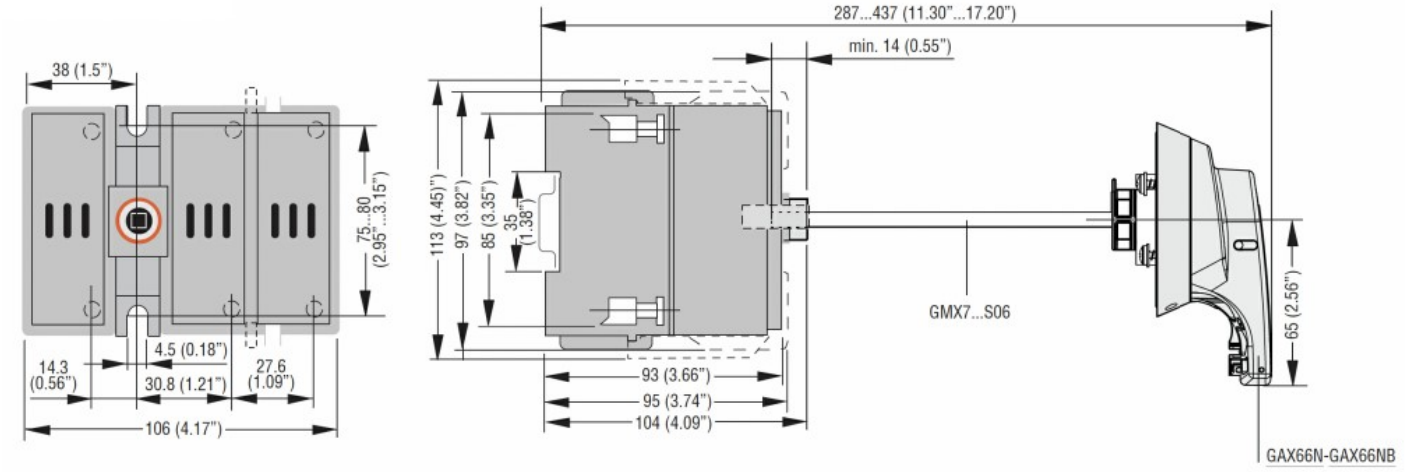
Ambient conditions

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

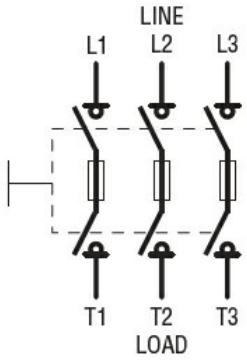
Resistance & Protection

Frontal IP degree	IP20
Pollution degree	3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance	
	IEC/EN 60947-1
	IEC/EN 60947-3
Certifications	
	CSA C22.2 n°4
	cULus according to UL98
	EAC

ETIM classification

ETIM 8.0	EC000216 - Switch disconnector