

THREE-POLE DISCONNECT SWITCH WITH FUSE HOLDER (UL98). 800A. L UL FUSE TYPE. LEFT COMMAND POLE



Product designation			Switch disconnector with fuse
Product type designation			GM
Type of fuse			L
Number of poles		Nr.	3
Operating voltage type			AC
Contact characteristics			
IEC Conventional free air thermal current Ith		Α	800
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	12
Operating current le			
AC21A			
	400V	Α	800
	500V	Α	800
	690V	Α	800
AC22A			
	400V	Α	800
	500V	Α	800
	690V	Α	800
AC23A			
	400V	Α	800
	500V	Α	800
	690V	Α	800
Power dissipation per pole max		W	75
Power dissipation per pole without fuse		W	75
Max fuse power dissipation			
	in open air	W	55
	in enclosure	W	55
Rated operational power AC23A			
	400V	kW	450
	690V	kW	710
Rated short time current (1s) Icw (rms)		kA	20
Short-circuit protection with fuse		Class/A	L/800
Making capacity AC23A 400V		Α	8000
Breaking capacity AC23A 400V		Α	6400
Mechanical life		cycles	3000
Electrical life AC21A		cycles	500 (AC23A 400V)
Mechanical features			,
Operating position			
	normal		Vertical plan
	allowable		Any
Fixing	33		Screw
Terminals			



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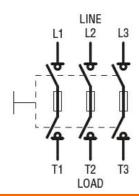
	type		Bar
Tightening torque for terminals	• • • • • • • • • • • • • • • • • • • •		
	max	Nm	56.5
	max	Ibin	41.6
Tightening torque for fuse links bolts		Nm	40
Tightening torque for terminal lug		Nm	54
Conductor section			
	AWG/kcmil min		(2x) 2
Terminal kit lugs			GMX504
UL technical data			
UL Standard			UL98
General purpose current rating		Α	800
Operating voltage max		V	600
Horsepower/FLA current three phase motor			_
	240V	HP	250/602
	480V	HP	500/590
	600V	HP	600/472
Short circuit rating		kA rms	200
Short circuit rating with fuse		Class/A	L/800
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			

6 (0.24") M8 GMX62-GMX62B 画 Θ GMX7...S12 0 - 254 (10") -266 (10.47") 230 (9.05") 306 (12.04") 0 min 20 (0.79") 0 0 - (1)= -== (0.51") 233 (9.17") -77.5 (3.05")- **-**− 88 (3.46") − 290...640 (11.42"...25.20") 95 (3.74") 343 (13.50")



ENERGY AND AUTOMATION

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Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

cULus according to UL98/CSA C22.2 n°4

ETIM classification

ETIM 8.0

EC000216 -Switch disconnector