

Product designation			Switch disconnector with fuse
Product type designation			GM
Type of fuse			J
Number of poles		nr.	3
Operating voltage type			AC
Electrical features			100
Conventional free air thermal current Ith		<u>A</u>	100
Rated insulation voltage Ui		V	1000
Rated impulse withstand voltage Uimp		kV	12
Operating current			100
	AC21A 400V	A	160
	AC21A 500V	A	160
	AC21A 690V	A	160
	AC22A 400V	A	160
	AC22A 500V	A	160
	AC22A 690V	A	160
	AC23A 400V	A	160
	AC23A 500V	A	160
	AC23A 690V	<u>A</u>	160
Power dissipation per pole max		W	9
Power dissipation per pole without fuse		W	9
Max fuse power dissipation	• • • • • • • •	147	40
	in open air	W	12
	in enclosure	W	12
Rated operational power AC23A	4001/	1.1.1./	75
	400V 690V	kW kW	75 132
Rated short time current (1s) Icw (rms)	690 v	A	5000
Short circuit protection with fuse		A	J/100
Making capacity AC23A 400V		A	1600
Breaking capacity AC23A 400V		A	1280
Operations		~	1200
Mechanical life		Cycles	8000
Electrical life AC21A		Cycles	6000
Ambient conditions		0,000	
Operating temperature			
	min	°C	-25
	max	°Č	55
Storage temperature		-	
	min	°C	-40
	max	°C	70
Max altitude		m	3000
Mechanical feautures			

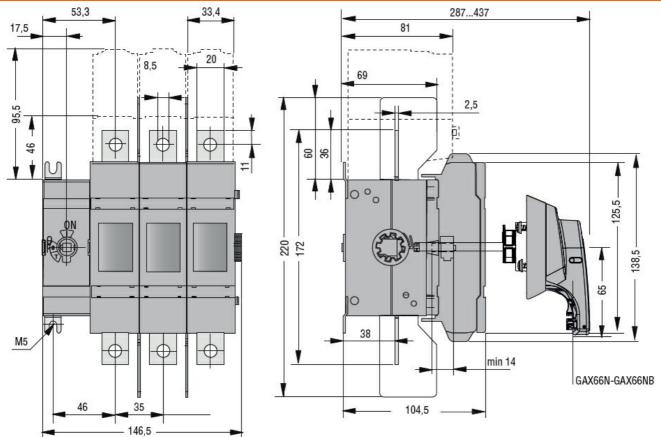
GMFJ100C03



GMFJ100C03 THREE-POLE DISCONNECT SWITCH WITH FUSE HOLDER (UL98). 100A. J UL FUSE TYPE. LEFT COMMAND POLE

Operating position

	normal		Vertical plan
allowable			Any
Mounting			Screw
Terminals			
	type		Bar
Tightening torque for terminals			
	max	Nm	13.5
	max	lbft	10
Tightening torque for fuse links bolts		Nm	4
Tightening torque for terminal lug		Nm	5.5
Terminal kit lugs			GMX500
Weight		g	1815.
Frontal IP degree			IP20
Pollution degree			3
UL technical data			
Compliance			UL98
General purpose current rating		А	100
Operating voltage max		V	600
Horsepower/FLA current three phase motor			
	240V		30/80
	480V		60/77
	600V		75/77
Short circuit rating		kA	200
Short circuit rating with fuse			J/100
Dimensions			

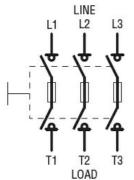


Wiring diagrams

GMFJ100C03

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding





Certifications and compliance
Compliance
IEC/EN 60947-1
IEC/EN 60947-3
Certifications

cULus according to UL98/CSA C22.2 n°4