

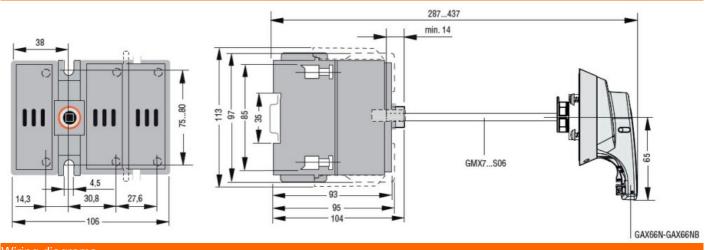
THREE-POLE DISCONNECT SWITCH WITH FUSE HOLDER (UL98). 30A. J UL FUSE TYPE. CENTRAL COMMAND POLE



Product designation			Switch disconnector with fuse
Product type designation			GM
Type of fuse			J
Number of poles		Nr.	3
Operating voltage type			AC
Contact characteristics			
IEC Conventional free air thermal current Ith		Α	32
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	12
Operating current le			
AC21A			
	400V	Α	32
	500V	Α	32
	690V	Α	32
AC22A			
	400V	Α	32
	500V	Α	63
	690V	Α	63
AC23A			
	400V	Α	32
	500V	Α	32
	690V	Α	32
Power dissipation per pole max		W	2
Power dissipation per pole without fuse		W	2
Max fuse power dissipation			
	in open air	W	3.5
	in enclosure	W	3.5
Rated operational power AC23A			
	400V	kW	15
	690V	kW	22
Rated short time current (1s) lcw (rms)		kA	1
Short-circuit protection with fuse		Class/A	J-CC/30
Making capacity AC23A 400V		Α	320
Breaking capacity AC23A 400V		Α	256
Mechanical life		cycles	10000
Electrical life AC21A		cycles	6000
Mechanical features		-,	
Operating position			
operating position	normal		Vertical plan
	allowable		Any
	anomable		· ··· · J
Fixing			Screw / DIN rail

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Tightening torque for terminals max Nm 2 max lbin 1.4 Conductor section IEC min IEC min IEC max AWG/kcmil min AWG/kcmil min AWG/kcmil min AWG/kcmil min AWG/kcmil min AWG/kcmil min AWG/kcmil max 10 UL technical data UL standard UL.98 General purpose current rating A 30 Operating voltage max V 600 Horsepower/FLA current three phase motor 240V HP 7.5/22 480 HP 15/21 600 HP 15/21 600 HP 7.5/22 480 HP 7.5/22 </th <th></th> <th>type</th> <th></th> <th>Built-in terminal lug</th>		type		Built-in terminal lug
Technical data Tech	Tightening torque for terminals			_
Conductor section		max	Nm	2
IEC min mm² 1 10 10 10 10 10 10 10		max	Ibin	1.4
IEC max AWG/kcmil min AWG/kc	Conductor section			
AWG/kcmil min AWG/kcmil max		IEC min	mm²	1
Name		IEC max	mm²	10
UL technical data UL Standard UL98 General purpose current rating A 30 Operating voltage max V 600 Horsepower/FLA current three phase motor 240V HP 7.5/22 480V HP 15/21 600V HP 20/22 Short circuit rating kA rms 200 Short circuit rating with fuse Class/A J/30 Ambient conditions Class/A J/30 Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Resistance & Protection IP20 Pollution degree 3		AWG/kcmil min		18
UL Standard UL98 General purpose current rating A 30 Operating voltage max V 600 Horsepower/FLA current three phase motor 240V HP 7.5/22 480V HP 15/21 600V HP 20/22 Short circuit rating kA rms 200 Short circuit rating with fuse Class/A J/30 Ambient conditions V 55 Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Resistance & Protection IP20 Pollution degree IP20 Pollution degree 3		AWG/kcmil max		8
General purpose current rating A 30 Operating voltage max V 600 Horsepower/FLA current three phase motor 240V HP 7.5/22 480V HP 15/21 600V HP 20/22 Short circuit rating kA rms 200 20 </td <td>UL technical data</td> <td></td> <td></td> <td></td>	UL technical data			
Note that the phase motor Superior the phase motor Superior three ph	UL Standard			UL98
Horsepower/FLA current three phase motor	General purpose current rating		Α	30
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	Operating voltage max		V	600
480V HP 15/21 600V HP 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 IP20 Pollution degree 3	Horsepower/FLA current three phase motor			
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		240V	HP	7.5/22
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		480V	HP	15/21
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		600V	HP	20/22
Ambient conditions Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Resistance & Protection IP20 Pollution degree 3	Short circuit rating		kA rms	200
Operating temperature min o C range temperature -25 range temperature Storage temperature min o C range temperature -40 range temperature Max altitude max o C range temperature 70 range temperature Max altitude m 3000 range 3000 range Frontal IP degree IP20 range IP20 range Pollution degree 3 3	Short circuit rating with fuse		Class/A	J/30
min max °C responsible -25 responsible Storage temperature min recorded responsible °C responsible Max altitude m recorded responsible 3000 recorded responsible Resistance & Protection IP20 recorded responsible Pollution degree Pollution degree 3 3	Ambient conditions			
Max altitude mm or max °C or 70 Max altitude m or 3000 Resistance & Protection IP20 Pollution degree 3	Operating temperature			
Storage temperature min °C -40 max °C 70 Max altitude m 3000 Resistance & Protection Frontal IP degree Pollution degree IP20 3		min	°C	-25
min max °C rol -40 rol Max altitude m 3000 Resistance & Protection Frontal IP degree Pollution degree IP20 3 Tentral IP degree		max	°C	55
min max °C rol -40 rol Max altitude m 3000 Resistance & Protection Frontal IP degree Pollution degree IP20 3 Tentral IP degree	Storage temperature			
Max altitude m 3000 Resistance & Protection Frontal IP degree IP20 Pollution degree 3		min	°C	-40
Resistance & Protection Frontal IP degree IP20 Pollution degree 3		max	°C	70
Frontal IP degree IP20 Pollution degree 3	Max altitude		m	3000
Pollution degree 3	Resistance & Protection			
Pollution degree 3	Frontal IP degree			IP20
				3

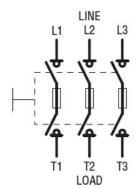


Wiring diagrams



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

CENTRAL COMMAND POLE



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