



Product designation				Enclosed switch disconnectors
Product type designation				GLZM
Number of poles	Nr.			3
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}	A			160
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse withstand voltage U _{imp}	kV			12
Operating current I _e				
AC21A		400V	A	160
		500V	A	160
		690V	A	160
AC22A		400V	A	160
		500V	A	160
		690V	A	160
AC23A		400V	A	160
		500V	A	160
		690V	A	160
Power dissipation per pole max		W	3.2	
Rated operational power AC23A		400V	kW	90
		690V	kW	134
Conditional short-circuit current (rms)		kA	100	
Short-circuit protection with fuse		Class/A	gG/160	
Making capacity AC23A 400V		A	1600	
Breaking capacity AC23A 400V		A	1280	
Mechanical life		cycles	10000	
Mechanical features				
Operating position		normal allowable	Vertical plan Any	
Terminals		type	M8 x 25	
Tightening torque for terminals		min	Nm	15
		max	Nm	22
		min	lbin	132
		max	lbin	194
Conductor section		IEC min	mm ²	70
		IEC max	mm ²	185

AWG/kcmil min	00
AWG/kcmil max	400

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

m	3000
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Resistance & Protection

Frontal IP degree

IP65

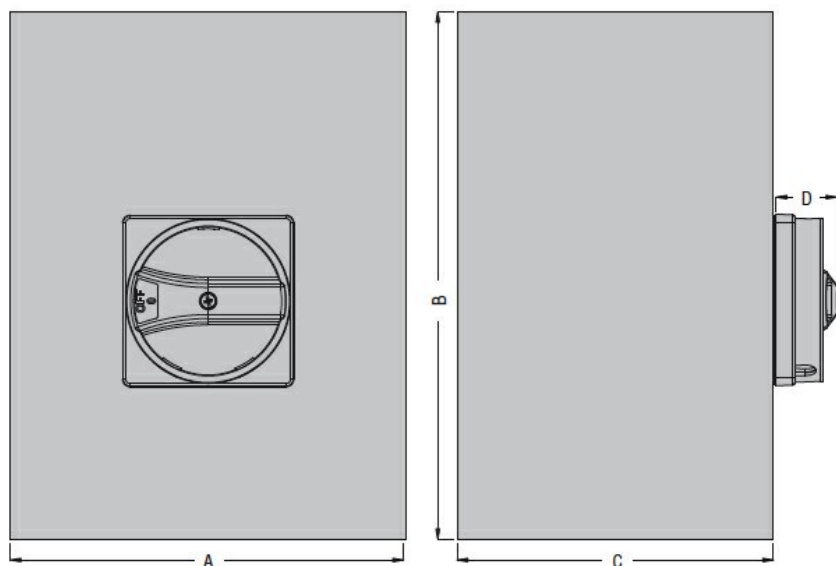
IP degree of protection

IP65

Pollution degree

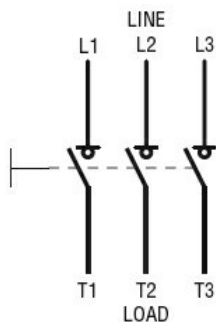
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Dimensions



Type	A	B	C	D
GLZM0160...GLZM0315...	300 (11.81")	400 (15.75")	250 (9.84")	45,7 (1.80")

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter