



Enclosed
changeover
switch
GLZM

Product designation

Product type designation

Number of poles

Operating voltage type

Nr. 3
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 mm² 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

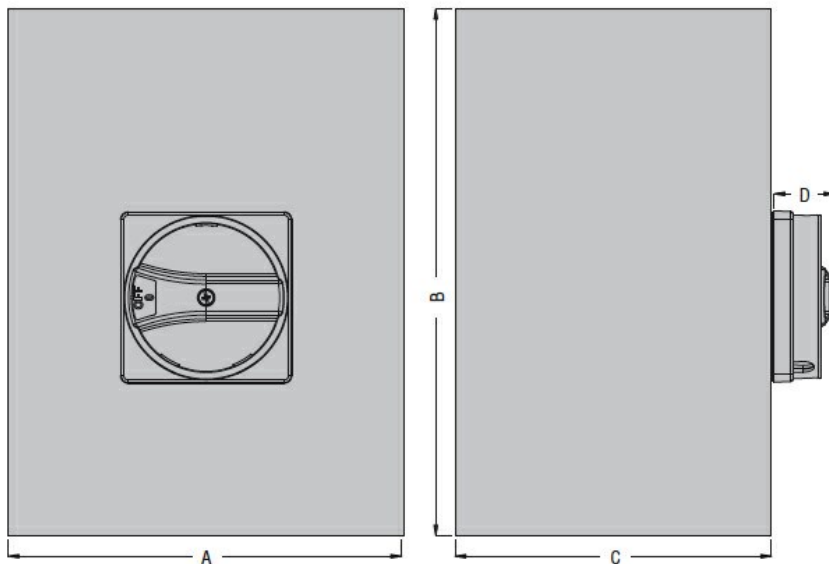
IP degree of protection

IP65

Pollution degree

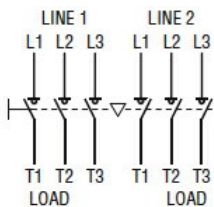
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Dimensions



Type	A	B	C	D
GLZM0160 E...GLZM0315 E...	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 60947-6-1

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter