



Product designation				Switch disconnecter
Product type designation				GD
Number of poles				Nr. 2
Operating voltage type				DC
Contact characteristics				
IEC Conventional free air thermal current I _{th}				A 32
Rated insulation voltage U _i IEC/EN				V 1500
Rated impulse withstand voltage U _{imp}				kV 8
Operating current I _e				
DC21A				
600V				A 32
800V				A 32
1000V				A 32
DC21B				
600V				A 32
800V				A 32
1000V				A 32
DCPV1				
Operating current I _e 600V				A 32
Operating current I _e 800V				A 32
DCPV1				
600V				A 32
800V				A 32
Power dissipation per pole max				W 1.2
Rated short time current (1s) I _{cw} (rms)				kA 0.5
Mechanical life				cycles 10000
Mechanical features				
Operating position				normal allowable Vertical plan Any
Fixing				Screw / DIN rail 35mm
Terminals				
type				Screw with washer
width mm				5.6
height mm				6.5
screw				M4
tool				Phillips 1
Tightening torque for terminals				
min				Nm 1.2
max				Nm 1.6
min				lbin 1.3
max				lbin 1.2
Conductor section				

IEC min	mm ²	1
IEC max	mm ²	10
AWG/kcmil min		18
AWG/kcmil max		8

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

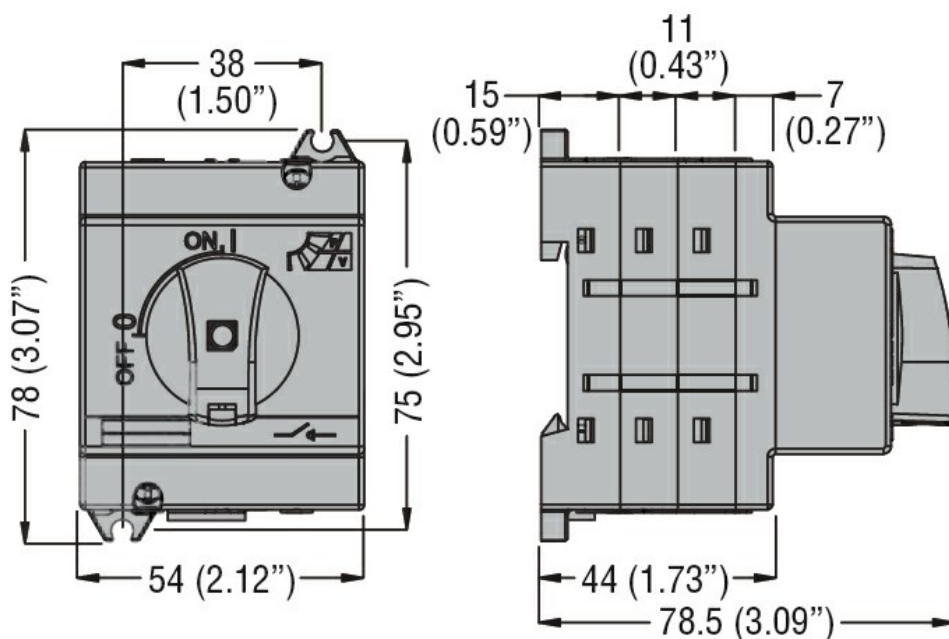
m 3000

Resistance & Protection

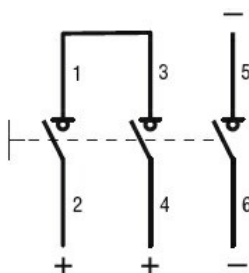
Frontal IP degree

IP20

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter

SWITCH DISCONNECTOR, FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING
VERSION, COMPLETE WITH BLACK HANDLE, 32A 1000VDC