

# SWITCH DISCONNECTOR, FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING VERSION, COMPLETE WITH BLACK HANDLE, 25A 800VDC - 16A 1000VDC

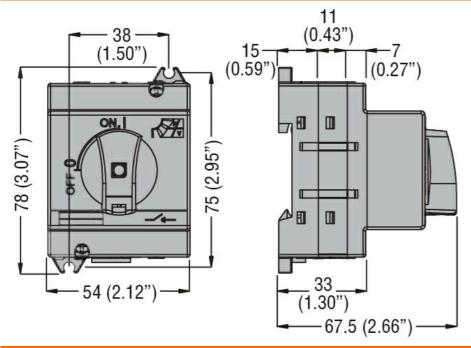


Product designation			Switch
Product designation			disconnector
Product type designation			GD
Number of poles		Nr.	2
Operating voltage type			DC
Contact characteristics			
IEC Conventional free air thermal current Ith		Α	25
Rated insulation voltage Ui IEC/EN		V	1500
Rated impulse withstand voltage Uimp		kV	8
Operating current le			
DC21A			
	600V	Α	25
	800V	Α	25
	1000V	Α	16
DC21B		<u> </u>	-
= 3 <b>-</b> .2	600V	Α	25
	800V	A	25
	1000V	A	16
DCPV1			
20	Operating current le 600V	Α	25
	Operating current le 800V	A	25
DCPV1	operating current to coov	,,	
DOI VI	600V	Α	25
	800V	A	25
Power dissipation per pole max	0001	W	0.8
Rated short time current (1s) Icw (rms)		kA	0.5
Mechanical life		cycles	10000
Mechanical features		Cycles	10000
Operating position			
Operating position	normal		Vertical plan
	normal allowable		Vertical plan
	allowable		Any Screw / DIN rai
Fixing			35mm
Terminals			John
TOTTIMICIO			Screw with
	type		washer
	width	mm	5.6
	height	mm	6.5
	screw		M4
	tool		Phillips 1
Tightening torque for terminals	tool		1 minpo 1
rightening torque for terminals	min	Nm	1.2
	min	Nm	1.6
	max	Ibin	1.0
	min	Ibin	1.3
Conductor section	max	IIIIII	1.2

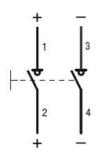


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	IEC min IEC max AWG/kcmil min AWG/kcmil max	mm² mm²	1 10 18 8
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000
Resistance & Protection			
Frontal IP degree			IP20
Dimensions			



#### Wiring diagrams



#### Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

#### ETIM classification



### **GD025AT2**

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ETIM 8.0

EC000216 -Switch disconnector