GD025AT2



Switch disconnector, for photovoltaic applications, direct operating version, complete with black handle, 25A 800VDC - 16A 1000VDC



			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		А	25
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current le			
DC21A			
	600V	А	25
	800V	А	25
	1000V	А	16
Power dissipation per pole max		W	0.8
Mechanical life		cycles	10000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		Any
Fixing			Screw / DIN rail
			35mm
Terminals			
	type		Screw with
			washer
	tool		Phillips 1
Tightening torque for terminals			
Tightening torque for terminals	min	Nm	1.2
Tightening torque for terminals	max	Nm	1.6
Tightening torque for terminals		Nm Ibin	1.6 1.3
	max	Nm	1.6
Tightening torque for terminals Conductor section	max min max	Nm Ibin Ibin	1.6 1.3
	max min max IEC min	Nm Ibin Ibin mm²	1.6 1.3 1.2
	max min max IEC min IEC max	Nm Ibin Ibin	1.6 1.3 1.2 1 10
	max min max IEC min IEC max AWG/kcmil min	Nm Ibin Ibin mm²	1.6 1.3 1.2 1 10 18
Conductor section	max min max IEC min IEC max	Nm Ibin Ibin mm²	1.6 1.3 1.2 1 10
Conductor section UL technical data	max min max IEC min IEC max AWG/kcmil min	Nm Ibin Ibin mm²	1.6 1.3 1.2 1 10 18 8
Conductor section UL technical data UL Standard	max min max IEC min IEC max AWG/kcmil min	Nm Ibin Ibin mm²	1.6 1.3 1.2 1 10 18
Conductor section UL technical data UL Standard Ambient conditions	max min max IEC min IEC max AWG/kcmil min	Nm Ibin Ibin mm²	1.6 1.3 1.2 1 10 18 8
Conductor section UL technical data UL Standard	max min max IEC min IEC max AWG/kcmil min AWG/kcmil max	Nm Ibin Ibin mm ² mm ²	1.6 1.3 1.2 1 10 18 8 UL60947-4-1
Conductor section UL technical data UL Standard Ambient conditions	max min max IEC min IEC max AWG/kcmil min AWG/kcmil max min	Nm Ibin Ibin mm² mm²	1.6 1.3 1.2 1 10 18 8 UL60947-4-1
Conductor section UL technical data UL Standard Ambient conditions Operating temperature	max min max IEC min IEC max AWG/kcmil min AWG/kcmil max	Nm Ibin Ibin mm ² mm ²	1.6 1.3 1.2 1 10 18 8 UL60947-4-1
Conductor section UL technical data UL Standard Ambient conditions	max min max IEC min IEC max AWG/kcmil min AWG/kcmil max	Nm Ibin Ibin mm² mm²	1.6 1.3 1.2 1 10 18 8 UL60947-4-1 -25 +55
Conductor section UL technical data UL Standard Ambient conditions Operating temperature	max min max IEC min IEC max AWG/kcmil min AWG/kcmil max min max	Nm Ibin Ibin mm² mm²	1.6 1.3 1.2 1 10 18 8 UL60947-4-1 -25 +55 -40
Conductor section UL technical data UL Standard Ambient conditions Operating temperature	max min max IEC min IEC max AWG/kcmil min AWG/kcmil max	Nm Ibin Ibin mm² mm²	1.6 1.3 1.2 1 10 18 8 UL60947-4-1 -25 +55

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

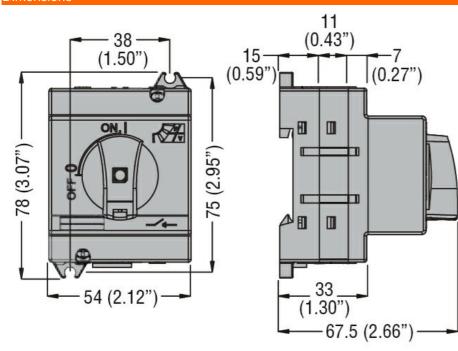
GD025AT2



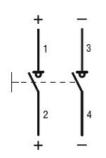
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Resistance & Protection

Frontal IP degree Dimensions IP20



Wiring diagrams



Certifications and compliance			
Compliance			
	IEC/EN 60947-1		
	IEC/EN 60947-3		
Certifications			
	EAC		
ETIM classification	1		
ETIM 8.0		EC000216 - Switch	

Switch disconnector