



TWO-POLE SWITCH DISCONNECTOR FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING AND DOOR-COUPLING VERSION, 160A 1000V DCPV-1



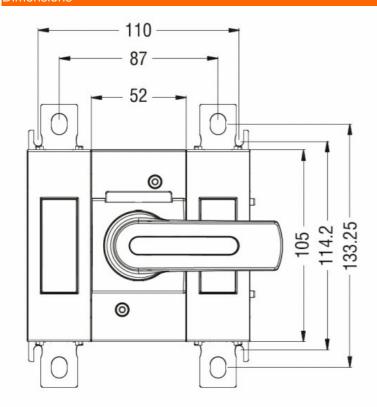
Product designation Product type designation Number of poles Operating voltage type		Nr.	Switch disconnector GLD 2 DC
Contact characteristics			БО
IEC Conventional free air thermal current Ith		Α	160
Rated insulation voltage Ui IEC/EN		V	1000
Operating current le		•	1000
DC21B			
502.5	600V	Α	160
	800V	A	160
	1000V	A	160
DCPV1	10001	,,	100
	Operating current le 600V	Α	160
	Operating current le 800V	A	160
DCPV1	Operating current to 600 v		
Borvi	600V	Α	160
	800V	A	160
Mechanical features	3001	,,	100
Operating position			
oporating position	normal		Vertical plan
	allowable		Any
			,,
Fixing			Screw / DIN rail 35mm
			Screw / DIN rail 35mm
Fixing Terminals	tyne		35mm
Terminals	type		
		Nm	35mm M8 x 25
Terminals	min	Nm Nm	35mm M8 x 25
Terminals	min max	Nm	35mm M8 x 25 15 22
Terminals	min max min	Nm Ibin	35mm M8 x 25 15 22 132
Terminals Tightening torque for terminals	min max	Nm	35mm M8 x 25 15 22
Terminals	min max min max	Nm Ibin Ibin	35mm M8 x 25 15 22 132 194
Terminals Tightening torque for terminals	min max min max IEC min	Nm Ibin Ibin mm²	35mm M8 x 25 15 22 132 194 70
Terminals Tightening torque for terminals	min max min max IEC min IEC max	Nm Ibin Ibin	35mm M8 x 25 15 22 132 194 70 185
Terminals Tightening torque for terminals	min max min max IEC min IEC max AWG/kcmil min	Nm Ibin Ibin mm²	35mm M8 x 25 15 22 132 194 70 185 00
Terminals Tightening torque for terminals Conductor section	min max min max IEC min IEC max	Nm Ibin Ibin mm²	35mm M8 x 25 15 22 132 194 70 185
Terminals Tightening torque for terminals Conductor section Ambient conditions	min max min max IEC min IEC max AWG/kcmil min	Nm Ibin Ibin mm²	35mm M8 x 25 15 22 132 194 70 185 00
Terminals Tightening torque for terminals Conductor section	min max min max IEC min IEC max AWG/kcmil min AWG/kcmil max	Nm Ibin Ibin mm² mm²	35mm M8 x 25 15 22 132 194 70 185 00 400
Terminals Tightening torque for terminals Conductor section Ambient conditions	min max min max IEC min IEC max AWG/kcmil min AWG/kcmil max	Nm Ibin Ibin mm² mm²	35mm M8 x 25 15 22 132 194 70 185 00 400
Terminals Tightening torque for terminals Conductor section Ambient conditions Operating temperature	min max min max IEC min IEC max AWG/kcmil min AWG/kcmil max	Nm Ibin Ibin mm² mm²	35mm M8 x 25 15 22 132 194 70 185 00 400
Terminals Tightening torque for terminals Conductor section Ambient conditions	min max min max IEC min IEC max AWG/kcmil min AWG/kcmil max min max	Nm Ibin Ibin mm² mm²	35mm M8 x 25 15 22 132 194 70 185 00 400 -25 +55
Terminals Tightening torque for terminals Conductor section Ambient conditions Operating temperature	min max min max IEC min IEC max AWG/kcmil min AWG/kcmil max min max	Nm Ibin Ibin mm² mm²	35mm M8 x 25 15 22 132 194 70 185 00 400 -25 +55
Terminals Tightening torque for terminals Conductor section Ambient conditions Operating temperature Storage temperature	min max min max IEC min IEC max AWG/kcmil min AWG/kcmil max min max	Nm Ibin Ibin mm² mm²	35mm M8 x 25 15 22 132 194 70 185 00 400 -25 +55 -40 +70
Terminals Tightening torque for terminals Conductor section Ambient conditions Operating temperature	min max min max IEC min IEC max AWG/kcmil min AWG/kcmil max min max	Nm Ibin Ibin mm² mm²	35mm M8 x 25 15 22 132 194 70 185 00 400 -25 +55

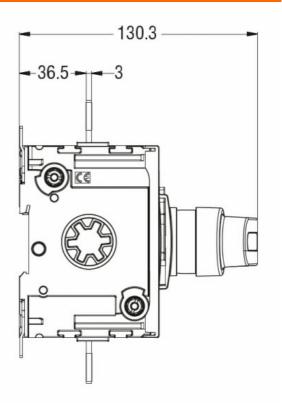
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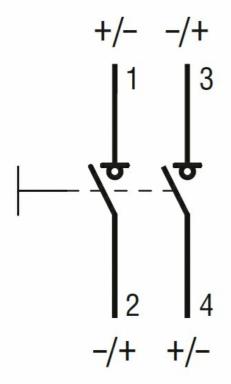
Pollution degree 3

Dimensions





Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

UL98B



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GLD0160T2C3

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Certifications

CE

ETIM classification

ETIM 8.0

EC000216 -Switch disconnector