



|                                                           |  |  |  |                       |
|-----------------------------------------------------------|--|--|--|-----------------------|
| 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 <sub>th</sub> |  |  |  | A 32                  |
| Rated insulation voltage U <sub>i</sub> IEC/EN            |  |  |  | V 1500                |
| Rated impulse withstand voltage U <sub>imp</sub>          |  |  |  | kV 8                  |
| Operating current I <sub>e</sub>                          |  |  |  |                       |
| DC21A                                                     |  |  |  |                       |
| 600V                                                      |  |  |  | A 32                  |
| 800V                                                      |  |  |  | A 32                  |
| 1000V                                                     |  |  |  | A 32                  |
| DC21B                                                     |  |  |  |                       |
| 600V                                                      |  |  |  | A 32                  |
| 800V                                                      |  |  |  | A 32                  |
| 1000V                                                     |  |  |  | A 32                  |
| DCPV1                                                     |  |  |  |                       |
| Operating current I <sub>e</sub> 600V                     |  |  |  | A 32                  |
| Operating current I <sub>e</sub> 800V                     |  |  |  | A 32                  |
| DCPV1                                                     |  |  |  |                       |
| 600V                                                      |  |  |  | A 32                  |
| 800V                                                      |  |  |  | A 32                  |
| Power dissipation per pole max                            |  |  |  | W 1.2                 |
| Rated short time current (1s) I <sub>cs</sub> (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 <sup>2</sup> | 1  |
| IEC max       | mm <sup>2</sup> | 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

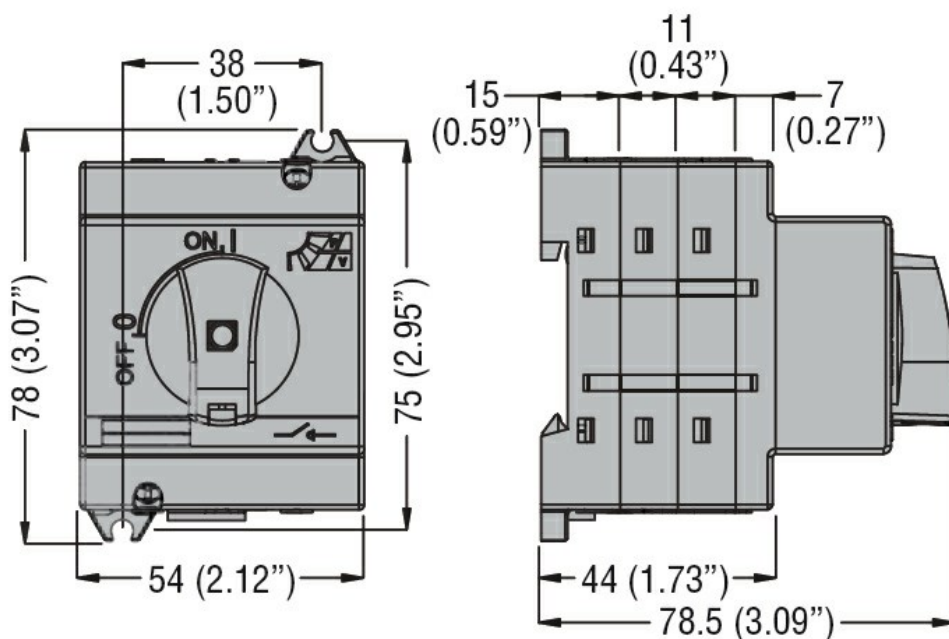
m 3000

#### Resistance & Protection

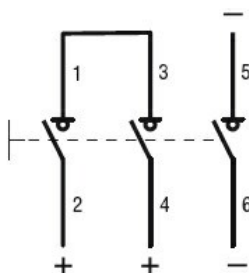
Frontal IP degree

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