



Product designation

Number of poles

Product type designation

Operating voltage type Contact characteristics

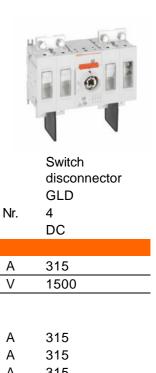
Operating current le

IEC Conventional free air thermal current Ith

DC21B

Rated insulation voltage Ui IEC/EN

THREE-POLE SWITCH DISCONNECTOR FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING AND DOOR-COUPLING VERSION, 315A 1500V DCPV-1



| 502.5 | | | |
|---------------------------------|----------------------------|--------|------------------|
| | 600V | Α | 315 |
| | 800V | Α | 315 |
| | 1000V | Α | 315 |
| | 1200V | Α | 315 |
| | 1500V | Α | 315 |
| DCPV1 | | | |
| | Operating current le 600V | Α | 315 |
| | Operating current le 800V | Α | 315 |
| | Operating current le 1200V | Α | 315 |
| | Operating current le 1500V | Α | 315 |
| DCPV1 | | | |
| | 600V | Α | 315 |
| | 800V | Α | 315 |
| | 1200V | Α | 315 |
| | 1500V | Α | 315 |
| Mechanical features | | | |
| Operating position | | | |
| ah arami 9 h aaman | normal | | Vertical plan |
| | allowable | | Any |
| | | | Screw / DIN rail |
| Fixing | | | 35mm |
| Terminals | | | |
| | type | | M8 x 25 |
| Tightening torque for terminals | -,,,, | | |
| Tightering colded for terminale | min | Nm | 15 |
| | max | Nm | 22 |
| | min | Ibin | 132 |
| | max | Ibin | 194 |
| Conductor section | Hida | 10111 | 101 |
| Conductor Section | IEC min | mm² | 70 |
| | IEC max | mm² | 185 |
| | AWG/kcmil min | 111111 | 00 |
| | AWG/kcmil max | | 400 |
| Ambient conditions | AVVG/KCIIII Max | | 400 |
| | | | |
| Operating temperature | _ | | |

°C

min

-25



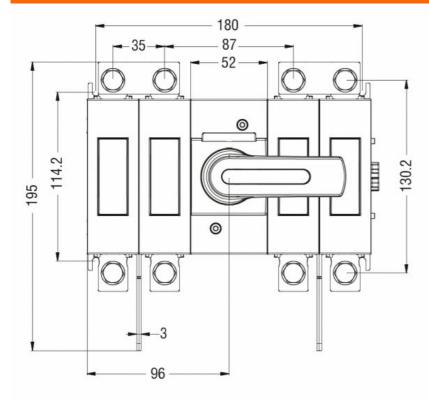
ENERGY AND AUTOMATION

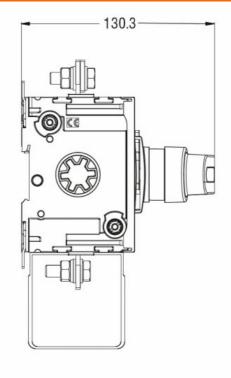
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THREE-POLE SWITCH DISCONNECTOR FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING AND DOOR-COUPLING VERSION, 315A 1500V DCPV-1

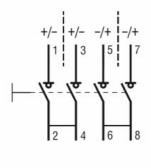
| | max | °C | +55 |
|-------------------------|-----|----|------|
| Storage temperature | | | |
| | min | °C | -40 |
| | max | °C | +70 |
| Max altitude | | m | 3000 |
| Resistance & Protection | | | |
| Pollution degree | | | 3 |

Dimensions

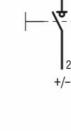


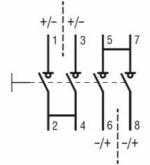


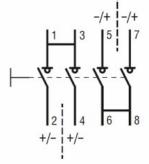
Wiring diagrams



---- Phase barriers







Metal connection Certifications and compliance

Compliance

CE

Certifications

ETIM classification

ETIM 8.0

EC000216 -Switch disconnector