

FOUR-POLE SWITCH DISCONNECTORS, FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING AND DOOR-COUPLING VERSION, 1250A



| Product designation | | | Switch disconnector |
|---|----------------------------------|---------------------------|---|
| Product type designation | | | GE |
| Number of poles | | Nr. | 4 |
| Operating voltage type | | • • • • | DC |
| Contact characteristics | | | |
| IEC Conventional free air thermal current Ith | | Α | 1250 |
| Rated insulation voltage Ui IEC/EN | | V | 1000 |
| Rated impulse withstand voltage Uimp | | kV | 12 |
| Operating current le | | | |
| 4 poles in series DC21A | | | |
| • | 48V | Α | 1250 |
| | 110V | Α | 1250 |
| | 220V | Α | 1250 |
| | 400V | Α | 1250 |
| | 440V | Α | 1250 |
| | 500V | Α | 1250 |
| | 600V | Α | 1250 |
| | 750V | Α | 1050 |
| | 800V | Α | 1000 |
| | 850V | Α | 940 |
| | 900V | Α | 870 |
| | 1000V | Α | 850 |
| | | | |
| Rated short time current (1s) Icw (rms) | | kA | 25000 |
| Rated short time current (1s) Icw (rms) Mechanical life | | kA cycles | 25000 10000 |
| | | | |
| Mechanical life | | | |
| Mechanical life Mechanical features | normal | | |
| Mechanical life Mechanical features | normal allowable | | 10000 |
| Mechanical life Mechanical features | | | 10000 Vertical plan |
| Mechanical life Mechanical features Operating position | | | Vertical plan |
| Mechanical life Mechanical features Operating position Fixing | allowable | | Vertical plan |
| Mechanical life Mechanical features Operating position Fixing | | | Vertical plan Any Screw |
| Mechanical life Mechanical features Operating position Fixing Terminals | allowable | | Vertical plan Any Screw Bar |
| Mechanical life Mechanical features Operating position Fixing | allowable | | Vertical plan Any Screw Bar |
| Mechanical life Mechanical features Operating position Fixing Terminals | allowable type screw | cycles | Vertical plan Any Screw Bar M14 |
| Mechanical life Mechanical features Operating position Fixing Terminals Tightening torque for terminals Bar dimensions max | allowable type screw | cycles | Vertical plan Any Screw Bar M14 |
| Mechanical life Mechanical features Operating position Fixing Terminals Tightening torque for terminals Bar dimensions max Ambient conditions | allowable type screw | cycles | Vertical plan Any Screw Bar M14 |
| Mechanical life Mechanical features Operating position Fixing Terminals Tightening torque for terminals Bar dimensions max | allowable type screw | cycles | Vertical plan Any Screw Bar M14 33 40x8 |
| Mechanical life Mechanical features Operating position Fixing Terminals Tightening torque for terminals Bar dimensions max Ambient conditions | allowable type screw max | Cycles | Vertical plan Any Screw Bar M14 |
| Mechanical life Mechanical features Operating position Fixing Terminals Tightening torque for terminals Bar dimensions max Ambient conditions Operating temperature | allowable type screw max | lbin °C | Vertical plan Any Screw Bar M14 33 40x8 |
| Mechanical life Mechanical features Operating position Fixing Terminals Tightening torque for terminals Bar dimensions max Ambient conditions | allowable type screw max min max | lbin °C °C | Vertical plan Any Screw Bar M14 33 40x8 |
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| Mechanical life Mechanical features Operating position Fixing Terminals Tightening torque for terminals Bar dimensions max Ambient conditions Operating temperature Storage temperature | allowable type screw max min max | Cycles Ibin C C C C C C | Vertical plan Any Screw Bar M14 33 40x8 -25 55 |
| Mechanical life Mechanical features Operating position Fixing Terminals Tightening torque for terminals Bar dimensions max Ambient conditions Operating temperature | allowable type screw max min max | Cycles Ibin °C °C °C | Vertical plan Any Screw Bar M14 33 40x8 |

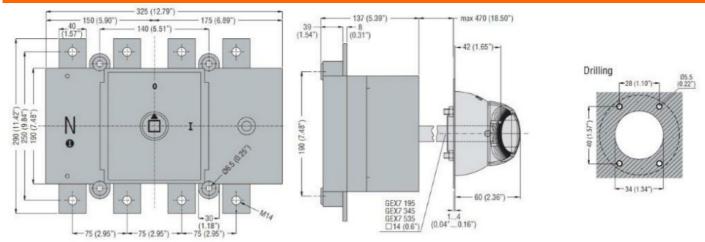
ENERGY AND AUTOMATION

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Frontal IP degree IP20

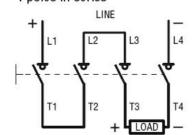
Pollution degree 3

Dimensions

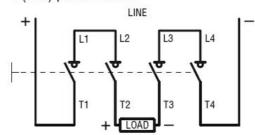


Wiring diagrams

One-line control 4 poles in series



4 (2+2) poles in series



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -Switch disconnector