

# FOUR-POLE SWITCH DISCONNECTORS, FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING AND DOOR-COUPLING VERSION, 125A



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	125
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current le			
4 poles in series DC21A			
·	48V	Α	125
	110V	Α	125
	220V	Α	125
	400V	Α	125
	440V	Α	125
	500V	Α	125
	600V	Α	125
	750V	Α	125
	800V	Α	125
	850V	Α	125
	900V	Α	125
	1000V	Α	100
Rated short time current (1s) Icw (rms)		kA	25000
Rated short time current (1s) Icw (rms)  Mechanical life		kA cycles	25000 20000
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Mechanical life			
Mechanical life Mechanical features	normal		
Mechanical life Mechanical features	normal allowable		20000
Mechanical life Mechanical features			20000 Vertical plan
Mechanical life  Mechanical features  Operating position			20000 Vertical plan Any
Mechanical life  Mechanical features  Operating position  Fixing			20000 Vertical plan Any
Mechanical life  Mechanical features  Operating position  Fixing	allowable		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 M8
Mechanical life  Mechanical features Operating position  Fixing Terminals  Tightening torque for terminals	allowable type screw	cycles	Vertical plan Any Screw  Bar M8
Mechanical life  Mechanical features Operating position  Fixing Terminals  Tightening torque for terminals  Bar dimensions max	allowable type screw	cycles	Vertical plan Any Screw  Bar M8
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 M8
Mechanical life  Mechanical features Operating position  Fixing Terminals  Tightening torque for terminals  Bar dimensions max  Ambient conditions	allowable type screw max	lbin	Vertical plan Any Screw  Bar M8  10 20x4
Mechanical life  Mechanical features Operating position  Fixing Terminals  Tightening torque for terminals  Bar dimensions max  Ambient conditions	allowable type screw max	lbin °C	Vertical plan Any Screw  Bar M8  10 20x4
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 M8  10 20x4
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	lbin  °C °C	Vertical plan Any Screw  Bar M8  10 20x4
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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	Vertical plan Any Screw  Bar M8  10 20x4  -25 55

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**ENERGY AND AUTOMATION** 

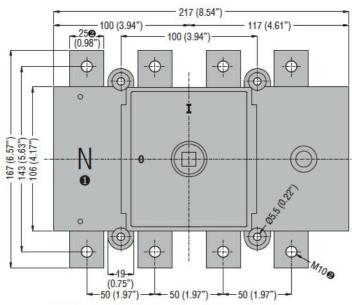
## FOUR-POLE SWITCH DISCONNECTORS, FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING AND DOOR-COUPLING VERSION, 125A

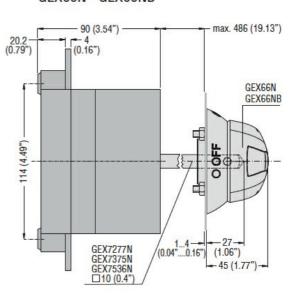
Frontal IP degree IP20

**Dimensions** 

Pollution degree

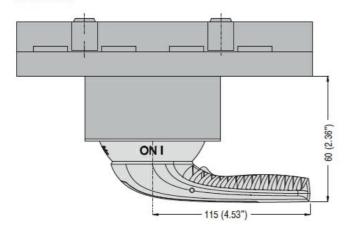
Door coupling version with handle GEX66N - GEX66NB



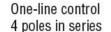


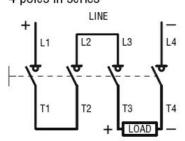
- 1 Not indicated on GE... DT4 type.
- 20mm (0.79") and M8 for GE0125 DT4 type.

## Direct operating version with handle GEX66ND

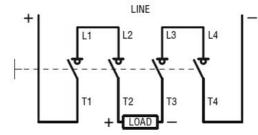


### Wiring diagrams





## 4 (2+2) poles in series



## Certifications and compliance

#### Compliance



### GE0125DT4

FOUR-POLE SWITCH DISCONNECTORS, FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING AND DOOR-COUPLING VERSION, 125A

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -Switch disconnector