



# FOUR-POLE SWITCH DISCONNECTORS, FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING AND DOOR-COUPLING VERSION, 630A



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	630
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	630
	110V	Α	630
	220V	Α	630
	400V	Α	630
	440V	Α	630
	500V	Α	630
	600V	Α	630
	750V	Α	630
	800V	Α	600
	850V	Α	600
	900V	Α	600
	1000V	Α	500
Rated short time current (1s) Icw (rms)		kA	25000
Rated short time current (1s) Icw (rms)  Mechanical life		kA cycles	25000 20000
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 M10
Mechanical life  Mechanical features Operating position  Fixing Terminals  Tightening torque for terminals	allowable type screw	cycles	Vertical plan Any Screw  Bar M10
Mechanical life  Mechanical features Operating position  Fixing Terminals  Tightening torque for terminals  Bar dimensions max	allowable type screw	cycles	Vertical plan Any Screw  Bar M10
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 M10
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 M10  18 30x5
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 M10  18 30x5
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 M10  18 30x5
Mechanical life  Mechanical features Operating position  Fixing Terminals  Tightening torque for terminals  Bar dimensions max  Ambient conditions Operating temperature	type screw max min max	lbin  °C °C	Vertical plan Any Screw  Bar M10  18 30x5
Mechanical life  Mechanical features Operating position  Fixing Terminals  Tightening torque for terminals  Bar dimensions max Ambient conditions Operating temperature	type screw max min max	Cycles  Ibin  °C °C °C	Vertical plan Any Screw  Bar M10  18 30x5  -25 55
Mechanical life Mechanical features Operating position  Fixing Terminals  Tightening torque for terminals  Bar dimensions max Ambient conditions Operating temperature  Storage temperature	type screw max min max	Cycles  Ibin  °C °C °C °C	Vertical plan Any Screw  Bar M10  18 30x5  -25 55

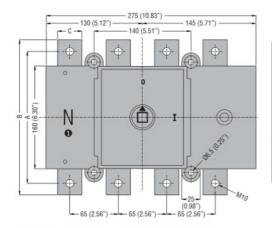


# FOUR-POLE SWITCH DISCONNECTORS, FOR PHOTOVOLTAIC APPLICATIONS, DIRECT OPERATING AND DOOR-COUPLING VERSION, 630A

ENERGY AND AUTOMATION OF EIGHT AND DOOK-COOP LING VERSION, 0307

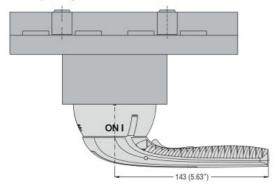
Frontal IP degree IP20
Pollution degree 3

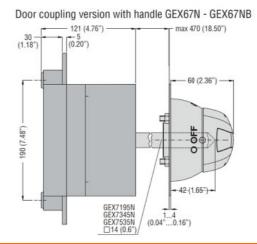
#### **Dimensions**

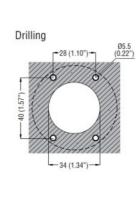


Α	В	С
	220 (8.66")	25 (0.98**)
	235 (9.25")	30 (1.18°)
	235 (9.25")	30 (1.18")
	235 (9.25")	30 (1.18")
	235 (9.25")	30 (1.18")
	A 190 (.48") 205 (.07") 205 (.07") 205 (.07")	190 220 (48") (8.66") 205 235 (07") (9.25") 205 235 (07") (9.25") 205 235 (07") (9.25") 205 235 (07") (9.25") 205 235

#### Direct operating version with handle GEX67ND

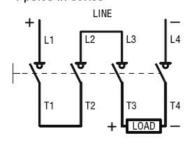


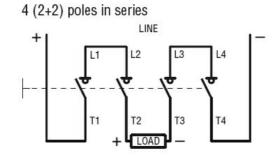




### Wiring diagrams

One-line control 4 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