



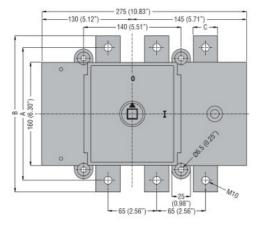
Product designation GE Switch disconnector Product type designation GE Connector Product type designation Nr. 3 Contact characteristics CE Conventional free air thermal current the A 630 Rated insultant voltage UIEC/EN V 1000 Rated insultant voltage UIEC/EN V 12 Operating ourrent le AC21A A 630 AC22A 400V A 630 SOUV A 7 SOUV A 630 SOUV A 7 SOUV A 7 SOU			C	
Number of poles         Nr.         3           Operating voltage type         AC           Contact characteristics         IEC Conventional free air thermal current lth         A         630           Rated insulation voltage UI IEC/EN         V         1000         Rated insulation voltage UImp         KV         12           Operating current le         AC21A         400V         A         630         500V         A         630           AC22A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         500           AC23A         400V         A         630         500V         A         500           Power dissipation per pole max         W         35         35         35         35           Rated short time current (1s) lcw (rms)         kA         16         6300         30           Sont circuit protection with fuse         Classi/4 g6630         30         30         36	Product designation			
Operating voltage type         AC           Conduct characteristics	Product type designation			GE
Contact characteristics         IEC Conventional free air thermal current lth         A         630           IEC Convention voltage UI IEC/EN         V         1000         Rated insulation voltage UI IEC/EN         V         12           Operating current Ie         AC21A         400V         A         630         500V         A         630           AC22A         400V         A         630         500V         A         630           AC22A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         500           AC23A         400V         A         630         500V         A         500           Power dissipation per pole max         W         35         35         8         8         800V         KW         349           Genver time current (1s) low (rms)         KA         16         Conditional short-circuit current (rms)         KA         16           Conditional short-circuit current (rms)         KA         16         2000         1000         2630           Making c			Nr.	
IEC Conventional free air thermal current lth         A         630           Rated insulation voltage UI IEC/EN         V         1000           Rated inpulse withstand voltage Uimp         kV         12           Operating current le         AC21A         400V         A         630           AC22A         400V         A         630         500V         A         630           AC22A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         500           AC23A         400V         A         630         500V         A         500           Power dissipation per pole max         W         315         315         315         315           Power dissipation per pole max         W         35         349         690V         KW         349           Genover dissipation per pole max         KW         349         690V         KW         349           Conditional short-circuit turrent (ms)         KA         16         Conditional short-circuit protection with fuse         Class/A <td></td> <td></td> <td></td> <td>AC</td>				AC
Rated insulation voltage Ui IEC/EN         V         1000           Rated impulse withstand voltage Uimp         kV         12           Operating current le         AC21A         400V         A         630           AC22A         400V         A         630         500V         A         630           AC22A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         500           AC23A         400V         A         630         500V         A         500           Power dissipation per pole max         W         35         8         8         8         8         8         90V         KW         349         90V         8         300         8         8         8         8         8         8         8         8         8         8         16         0         0         16         0         16				
Rated inpulse withstand voltage Uimp       kV       12         Operating current le       AC21A       400V       A       630         AC22A       690V       A       630         AC22A       400V       A       630         AC23A       400V       A       630         Power dissipation per pole max       W       35         Rated operational power AC23A       400V       kW       349         690V       KW       300       500         Rated short time current (1s) lcw (rms)       kA       16         Conditional short-circuit protection with fuse       Class/A       6630         Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       1000         Conditional short-circuit protection with fuse       Class/A       6300         Breaking capacity AC23A 400V       A       5000       400V)         Mechanical life       cycles       1000       400V)         Mech				
Operating current le         AC21A         400V         A         630           AC22A         400V         A         630         630           AC22A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         630           AC23A         400V         A         630         500V         A         630           Power dissipation per pole max         W         35         35         500         A         15           Power dissipation per pole max         W         35         35         500V         A         16           Conditional short-circuit current (1s) lcw (rms)         kA         16         6300         500V         A         6300           Short-circuit protection with fuse         Class/A         gG630         Making capacity AC23A 400V         A         6300 </td <td></td> <td></td> <td></td> <td></td>				
AC21A         400V         A         630           500V         A         630           690V         A         630           AC22A         400V         A         630           AC23A         630         630         630           AC23A         400V         A         630           AC23A         400V         A         630           AC23A         400V         A         630           Fower dissipation per pole max         W         35           Rated operational power AC23A         W         35           Rated operational power AC23A         400V         kA         16           Conditional short-circuit current (rms)         kA         16         C           Conditional short-circuit current (rms)         kA         100         Short-circuit protection with fuse         Class/A         gG630           Making capacity AC23A 400V         A         5000         Mechanical life         cycles         10000           Electrical life AC21A         cycles         10000         Class/A         400V         A           Operating position         normal         allowable         Any         400V         A           Fixing <t< td=""><td>Rated impulse withstand voltage Uimp</td><td></td><td>kV</td><td>12</td></t<>	Rated impulse withstand voltage Uimp		kV	12
400V         A         630           500V         A         630           690V         A         630           AC22A         400V         A         630           690V         A         630         500           AC23A         400V         A         630           500V         A         500         690V         A           690V         A         315         50           Power dissipation per pole max         W         35         35           Rated operational power AC23A         W         349         690V         kW         349           690V         kW         340         400V         kW         349           690V         kA         16         Coditional short-circuit protection with fuse         Class/A         gG630           Making capacity AC23A 400V         A         6300         6300         6300           Breaking capacity AC23A 400V         A	Operating current le			
500V         A         630           690V         A         630           AC22A         400V         A         630           400V         A         630         690V         A         630           AC23A         400V         A         630         630         500V         A         630           AC23A         400V         A         630         500V         A         500           AC23A         400V         A         630         500V         A         500           Power dissipation per pole max         W         35         35         35         35           Rated operational power AC23A         W         35         35         36         300           Rated short time current (1s) lcw (rms)         kA         16         600V         kW         300           Stort-circuit protection with fuse         Class/A         g6630         300         300           Breaking capacity AC23A 400V         A         6300         300         300         300           Breaking capacity AC23A 400V         A         5000         300         300         300         300         300         300         300         300 <td< td=""><td>AC21A</td><td></td><td></td><td></td></td<>	AC21A			
690V         A         630           AC22A         400V         A         630           500V         A         630           690V         A         500           AC23A         400V         A         630           500V         A         630         500           AC23A         500         A         500           AC23A         690V         A         500           Fower dissipation per pole max         W         35           Rated operational power AC23A         W         35           Rated short time current (1s) lcw (rms)         kA         16           Conditional short-circuit current (rms)         kA         16           Short-circuit protection with fuse         Class/A         gG630           Making capacity AC23A 400V         A         6300           Breaking capacity AC23A 400V         A         5000           Mechanical life         cycles         1000 (AC23A           400V)         A         5000           Mechanical features         7000 (AC23A           Operating position         anormal         Vertical plan           allowable         Any         Screw           Terminals		400V	А	630
AC22A         400V         A         630           500V         A         630         690V         A         630           AC23A         400V         A         630         500         A         500           AC23A         400V         A         630         500V         A         500         690V         A         315           Power dissipation per pole max         W         35         35         A         400V         kW         349         690V         kW         300           Rated operational power AC23A         W         35         A         16         A         Class/A         G630         G630         G630         G630         B         G630         B         A         16         A         A         16         A         A         16         A		500V	А	630
400V         A         630           500V         A         630           690V         A         500           AC23A         400V         A         630           500V         A         500         500           AC23A         400V         A         630           500V         A         500         690V         A         500           Power dissipation per pole max         W         35         35         35           Rated operational power AC23A         W         349         690V         kW         349           690V         kW         349         690V         kW         300           Rated short time current (1s) low (rms)         kA         16         Conditional short-circuit current (rms)         kA         100           Short-circuit protection with fuse         Class/A         g6630         G630           Making capacity AC23A 400V         A         5000         Mechanical life         cycles         1000           Breaking capacity AC23A 400V         A         5000         10000 (AC23A         400V)         A         6300           Mechanical life AC21A         cycles         10000 (AC23A         400V)         A		690V	А	630
500V         A         630           690V         A         500           AC23A         400V         A         630           500V         A         500         690V         A         500           690V         A         500         690V         A         500           690V         A         315         000         A         315           Power dissipation per pole max         W         35         35           Rated operational power AC23A         400V         kW         349           690V         kA         16         600           Conditional short-circuit current (ms)         kA         16         6300           Short-circuit protection with fuse         Class/A         g6630         G630           Making capacity AC23A 400V         A         6300         6300           Breaking capacity AC23A 400V         A         5000         6000         400V)           Mechanical life         cycles         10000         AC23A         400V)         A         6300           Breaking capacity AC23A 400V         A         5000         A         6300         5000         5000         5000         5000         5000	AC22A			
690V         A         500           AC23A         400V         A         630           400V         A         500         690V         A         315           Power dissipation per pole max         W         35         315           Rated operational power AC23A         400V         kW         349           690V         K         316         600V         kA         16           Conditional short-circuit current (ms)         kA         16         600V         kA         100           Short-circuit protection with fuse         Class/A         gG630         GG30         GG30         GG30           Making capacity AC23A 400V         A         6300         A         6300         GG30           Breaking capacity AC23A 400V         A         6300         GG30         GG30         GG30           Breaking capacity AC23A 400V         A         5000         GG30         GG30         GG30         GG30         GG30           Mechanical life         cycles         10000 (AC23A         400V)         A         6300         GG30           Mechanical features          screw         Mi00         GG30         GG30         GG30         GG30 <t< td=""><td></td><td>400V</td><td>А</td><td>630</td></t<>		400V	А	630
AC23A       400V       A       630         500V       A       500       690V       A       315         Power dissipation per pole max       W       35       Rated operational power AC23A       W       35         Rated short time current (1s) lcw (rms)       kA       16       690V       kW       300         Rated short time current (ms)       kA       16       690V       kW       300         Short-circuit protection with fuse       Class/A       gG630       gG630         Making capacity AC23A 400V       A       6300       6300         Breaking capacity AC23A 400V       A       6300       6300         Mechanical life       cycles       10000       600V         Qoperating position       normal       Vertical plan       allowable       Any         Fixing       Screw       Screw       M10       Tightening torque for terminals       max       lbin       1		500V	А	630
400V         A         630           500V         A         500           690V         A         315           Power dissipation per pole max         W         35           Rated operational power AC23A         400V         kW         349           690V         kW         349         690V         kW         300           Rated short time current (1s) lcw (rms)         kA         16         100         Short-circuit current (rms)         kA         100           Short-circuit protection with fuse         Class/A         gG630         G630         G630 <td< td=""><td></td><td>690V</td><td>А</td><td>500</td></td<>		690V	А	500
500V         A         500           690V         A         315           Power dissipation per pole max         W         35           Rated operational power AC23A         400V         kW         349           690V         kW         300         300           Rated short time current (1s) lcw (rms)         kA         16           Conditional short-circuit current (rms)         kA         100           Short-circuit protection with fuse         Class/A         gG630           Making capacity AC23A 400V         A         6300           Breaking capacity AC23A 400V         A         5000           Mechanical life         cycles         1000 (AC23A           Operating position         normal         vertical plan           allowable         Any         Fixing           Fixing         Screw         Screw           Terminals         type         Bar           screw         M10         Tightening torque for terminals	AC23A			
690VA315Power dissipation per pole maxW35Rated operational power AC23A400VkW400VkW349690VkW300Rated short time current (1s) lcw (rms)kA16Conditional short-circuit current (rms)kA100Short-circuit protection with fuseClass/AgG630Making capacity AC23A 400VA6300Breaking capacity AC23A 400VA5000Mechanical lifecycles10000Electrical life AC21Acycles10000 (AC23A 400V)Operating positionnormal allowableVertical plan allowableFixingScrewScrewTerminalstypeBar screwTightening torque for terminalsmaxIbinIn the second screet scree		400V	А	630
Power dissipation per pole max       W       35         Rated operational power AC23A       400V       kW       349         690V       kW       300         Rated short time current (1s) lcw (rms)       kA       16         Conditional short-circuit current (rms)       kA       100         Short-circuit protection with fuse       Class/A       gG630         Making capacity AC23A 400V       A       6300         Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       10000         Electrical life AC21A       cycles       10000 (AC23A         Mechanical features       000       1000 (AC23A         Operating position       normal       Vertical plan         allowable       Any       Screw         Terminals       type       Bar         screw       M10       Tightening torque for terminals		500V	А	500
Rated operational power AC23A       400V       kW       349         690V       kW       300         Rated short time current (1s) lcw (rms)       kA       16         Conditional short-circuit current (rms)       kA       100         Short-circuit protection with fuse       Class/A       gG630         Making capacity AC23A 400V       A       6300         Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       10000         Electrical life AC21A       cycles       10000 (AC23A 400V)         Mechanical features       000       10000 (AC23A 400V)         Operating position       normal       Vertical plan allowable         Any       Fixing       Screw         Terminals       type       Bar screw         tightening torque for terminals       type       Bar screw         max       lbin       10		690V	А	315
Rated operational power AC23A       400V       kW       349         690V       kW       300         Rated short time current (1s) lcw (rms)       kA       16         Conditional short-circuit current (rms)       kA       100         Short-circuit protection with fuse       Class/A       gG630         Making capacity AC23A 400V       A       6300         Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       10000         Electrical life AC21A       cycles       10000 (AC23A 400V)         Mechanical features       000       10000 (AC23A 400V)         Operating position       normal       Vertical plan allowable         Any       Fixing       Screw         Terminals       type       Bar screw         tightening torque for terminals       type       Bar screw         max       lbin       10	Power dissipation per pole max		W	35
690VkW300Rated short time current (1s) lcw (rms)kA16Conditional short-circuit current (rms)kA100Short-circuit protection with fuseClass/AgG630Making capacity AC23A 400VA6300Breaking capacity AC23A 400VA5000Mechanical lifecycles10000Electrical life AC21Acycles10000Mechanical features01000 (AC23AOperating positionnormalVertical planallowableAnyScrewFixingScrewScrewTerminalstypeBarscrewM10Tightening torque for terminalsmaxIbin101010				
Rated short time current (1s) lcw (rms)       kA       16         Conditional short-circuit current (rms)       kA       100         Short-circuit protection with fuse       Class/A       gG630         Making capacity AC23A 400V       A       6300         Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       10000         Electrical life AC21A       cycles       10000 (AC23A 400V)         Mechanical features       cycles       10000 (AC23A 400V)         Operating position       normal       Vertical plan allowable         Any       Screw       Screw         Fixing       Screw       M10         Tightening torque for terminals       type       Bar screw		400V	kW	349
Conditional short-circuit current (rms)       kA       100         Short-circuit protection with fuse       Class/A       gG630         Making capacity AC23A 400V       A       6300         Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       10000 (AC23A         Electrical life AC21A       cycles       10000 (AC23A         Mechanical features       0       000 (AC23A         Operating position       normal       Vertical plan         allowable       Any       Screw         Fixing       Screw       Screw         Terminals       type       Bar		690V	kW	
Conditional short-circuit current (rms)       kA       100         Short-circuit protection with fuse       Class/A       gG630         Making capacity AC23A 400V       A       6300         Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       10000 (AC23A         Electrical life AC21A       cycles       10000 (AC23A         Mechanical features       operating position       1000 (AC23A         Mechanical features       operating position       vertical plan         allowable       Any       Screw         Terminals       type       Bar         Tightening torque for terminals       max       Ibin       10	Rated short time current (1s) Icw (rms)		kA	16
Short-circuit protection with fuse       Class/A       gG630         Making capacity AC23A 400V       A       6300         Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       10000         Electrical life AC21A       cycles       1000 (AC23A 400V)         Mechanical features       cycles       1000 (AC23A 400V)         Operating position       normal       Vertical plan allowable         Any       Screw       Terminals         Tightening torque for terminals       type       Bar			kA	100
Making capacity AC23A 400V       A       6300         Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       10000 (AC23A 400V)         Electrical life AC21A       cycles       1000 (AC23A 400V)         Mechanical features       operating position       Vertical plan allowable         Any       Fixing       Screw         Terminals       type       Bar screw         Tightening torque for terminals       max       Ibin       10			Class/A	qG630
Breaking capacity AC23A 400V       A       5000         Mechanical life       cycles       10000 (AC23A 400V)         Electrical life AC21A       cycles       1000 (AC23A 400V)         Mechanical features       cycles       1000 (AC23A 400V)         Operating position       normal allowable       Any         Fixing       Screw       Screw         Terminals       type       Bar screw         Tightening torque for terminals       max       Ibin				-
Mechanical life       cycles       10000         Electrical life AC21A       cycles       1000 (AC23A 400V)         Mechanical features       0         Operating position       normal allowable       Any         Fixing       Screw         Terminals       type Bar screw       Bar M10         Tightening torque for terminals       max       Ibin       10				
Electrical life AC21A cycles $\frac{1000 (AC23A}{400V)}$ Mechanical features Operating position rormal vertical plan allowable Any Fixing Terminals type Bar screw M10 Tightening torque for terminals max Ibin 10	· · · · ·			
Mechanical features         Operating position         normal       Vertical plan         allowable       Any         Fixing       Screw         Terminals       type         type       Bar         screw       M10         Tightening torque for terminals       max         Mechanical features       Max         Mechanical features       Max				1000 (AC23A
Operating position       normal vertical plan allowable         Any       Any         Fixing       Screw         Terminals       type Bar screw         Screw       M10         Tightening torque for terminals       max Ibin 10	Machanical factures			4000)
normal Vertical plan allowable Any Fixing Screw Terminals type Bar screw M10 Tightening torque for terminals 				
allowable     Any       Fixing     Screw       Terminals     type       type     Bar       screw     M10   Tightening torque for terminals       max     Ibin	Operating position			
Fixing     Screw       Terminals     type     Bar       screw     M10       Tightening torque for terminals     max     Ibin     10				•
Terminals     type     Bar       screw     M10   Tightening torque for terminals       max     Ibin     10		allowable		
type     Bar       screw     M10       Tightening torque for terminals     max     Ibin     10	•			Screw
screw     M10       Tightening torque for terminals     max       M10     M10	lerminals			
Tightening torque for terminals max Ibin 10				
max Ibin 10		screw		M10
	Tightening torque for terminals			
Bar dimensions max 30x5		max	lbin	
	Bar dimensions max			30x5

GE0630



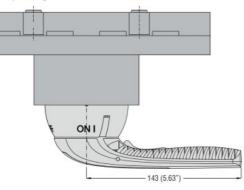
## Ambient conditions

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
Pollution degree			3
Dimensions			

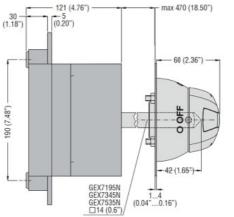


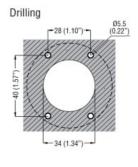
Туре	A	В	С
GE0500	190	220	25
	(7.48")	(8.66")	(0.98**)
GE0630	205	235	30
	(8.07")	(9.25")	(1.18")
GE0800	205	235	30
	(8.07")	(9.25")	(1.18 <sup>**</sup> )

Direct operating version with handle GEX67ND



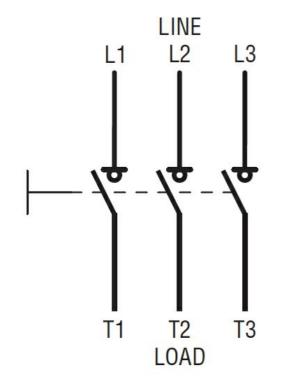
## Door coupling version with handle GEX67N - GEX67NB





Wiring diagrams





Certifications and compliance				
Compliance				
	IEC/EN 60947-1			
	IEC/EN 60947-3			
Certifications				
	EAC			
ETIM classification	1			
		EC000216 -		

ETIM 8.0

EC000216 -Switch disconnector