GE0500ET4

FOUR-POLE CHANGEOVER SWITCH, 500A



Contact characteristics				
IEC Conventional free air thermal current Ith ≤ 40°C			A	500
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	AC21A			
		400V	A	500
		500V	A	500
		690V	A	500
	AC22A			
		400V	A	500
		500V	A	500
		690V	A	400
	AC23A			
		400V	A	400
		500V	A	250
Power dissipation per pole max			W	28
Rated operational power AC23A				
		400V	kW	200
		690V	kW	173
Reactive power for control of capacitors at				
Rated short time current (1s) Icw (rms)			kA	13
Conditional short-circuit current (rms)			kA	100
Short-circuit protection with fuse			Class/A	gG500
Making capacity AC23A 400V			A	6300
Mechanical life			cycles	10000
Electrical life AC21A			cycles	1000 (AC23A 400V)
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		Any
Fixing				Screw
Terminals				
		type		Bar
		screw		M12
Tightening torque for terminals				
		max	Nm	24
		max	lbin	18
Conductor section				
Bar dimensions max				40x5
Ambient conditions				
Operating temperature				
		min	°C	-25
		max	°C	55

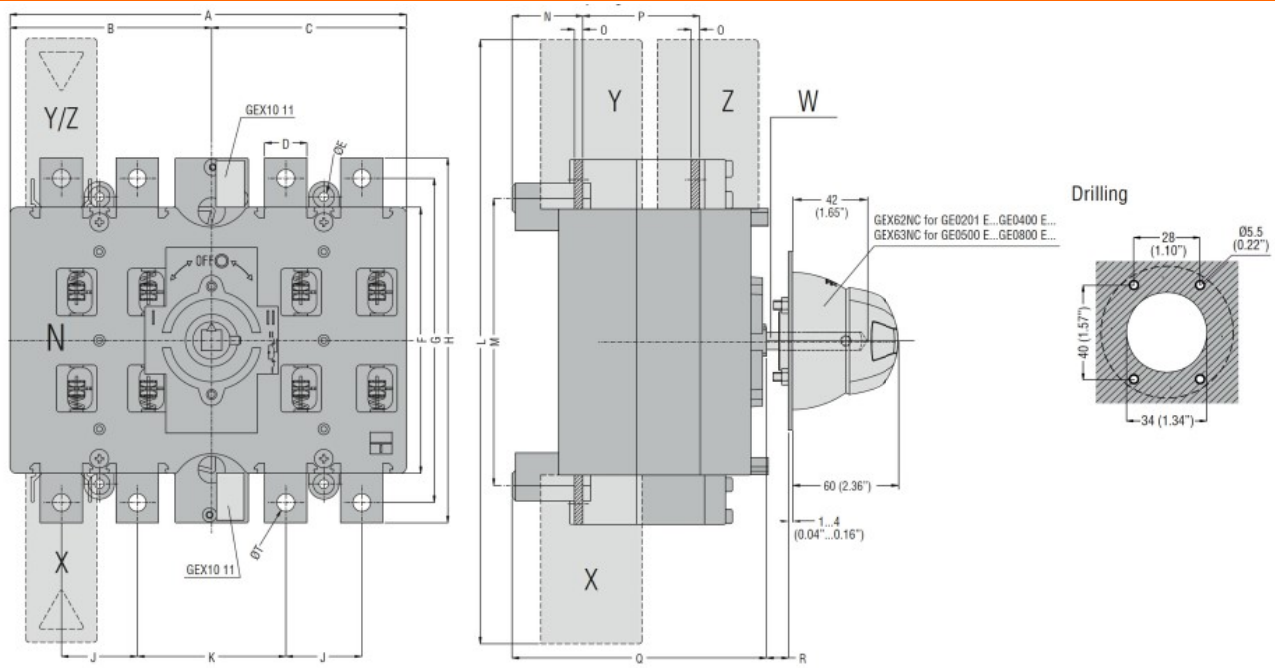
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Storage temperature			
	min	°C	-40
	max	°C	70
Max altitude		m	3000

Resistance & Protection

Frontal IP degree	IP20
Pollution degree	3

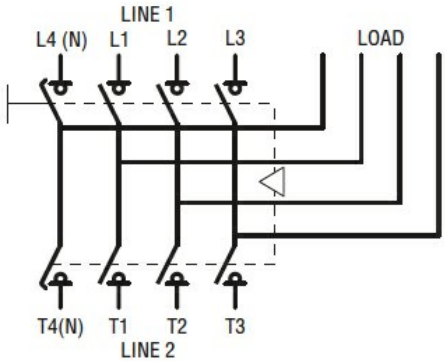
Dimensions



TYPE	A	B	C	D	ØE	F	G	H	J	K	L	M	N	O	P	Q	R Max	S	ØT	U	V	Shaft extension W	Terminal covers (N° of pcs/set) X (line 1)	Y (line 2)	Z (load)
GE0201 E GE0250 E GE0315 E GE0400 E	235 (9.25")	119.5 (4.70")	115.5 (4.55")	25 (0.98")	5.5 (0.22")	157 (6.18")	192 (7.56")	216 (8.50")	45 (1.77")	88 (3.46")	357 (14.05")	170 (6.69")	42 (1.65")	3 (0.12)	67 (2.64")	151 (5.94")	437 (17.2")	143 (5.63")	M10	133 (5.24")	142 (5.59")	GEX7227N GEX7375N GEX7536N ☐ 10 (0.6")	GEX82 12 (3)	GEX82 11 (3)	GEX83 12 (3)
GE0201 ET4 GE0250 ET4 GE0315 ET4 GE0400 ET4																							GEX82 13 (4)	GEX82 13 (4)	GEX83 12 (4)
GE0500 E GE0630 E GE0800 E	321 (12.63")	162 (6.38")	159 (6.26")	40 (1.57")	7 (0.27")	232 (9.13")	282 (11.10")	312 (12.28")	65 (2.56")	121 (4.73")	482 (18.98")	247 (9.72")	46 (1.81")	5 (0.20")	87 (3.42")	180 (7.09")	417 (16.42")	176 (6.93")	M12 M12	186 (7.32")	171 (6.73")	GEX7195N GEX7345N GEX7535N ☐ 10 (0.6")	GEX82 22 (3)	GEX82 21 (3)	GEX83 21 (3)
GE0500 ET4 GE0630 ET4 GE0800 ET4																							GEX82 23 (4)	GEX82 23 (4)	GEX83 22 (4)

Wiring diagrams

GE0201 ET4 - GE1600 ET4



Certifications and compliance

Compliance

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	IEC/EN 60947-1
	IEC/EN 60947-3
Certifications	
	EAC

ETIM classification

ETIM 8.0	EC000216 - Switch disconnector

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