



Product designation				Motorized changeover switch
Product type designation				GLCM
Number of poles		Nr.	4	
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$		A	200	
Rated insulation voltage U_i IEC/EN		V	1000	
Rated impulse withstand voltage U_{imp}		kV	12	
Operating current I_e				
	AC21A			
		400V	A	200
		500V	A	200
		690V	A	200
	AC22A			
		400V	A	200
		500V	A	200
		690V	A	200
	AC23A			
		400V	A	200
		500V	A	200
		690V	A	200
	AC-31B			
		400V	A	200
		500V	A	200
		690V	A	200
	AC-32B			
		400V	A	200
		500V	A	200
		690V	A	200
	AC-33B			
		400V	A	200
		500V	A	200
		690V	A	200
Power dissipation per pole max			W	4
Rated operational power AC23A				
		400V	kW	110
		690V	kW	200
Conditional short-circuit current (rms)			kA	100
Short-circuit protection with fuse			Class/A	gG/200
Making capacity AC23A 400V			A	2000
Breaking capacity AC23A 400V			A	1600
Mechanical life			cycles	20000
Mechanical features				
Operating position				

	normal allowable		Vertical plan Any
Fixing			Screw
Terminals	type		M8 x 25
Tightening torque for terminals	min	Nm	15
	max	Nm	20
	min	lbin	132
	max	lbin	177
Conductor section	IEC min	mm ²	70
	IEC max	mm ²	185
	AWG/kcmil min		00
	AWG/kcmil max	kcmil	400
Weight		g	8400
Motor data			
Rated operational voltage		V	110... 125VAC/DC
Operating voltage range			77...165VAC/DC
Operating time	I-O, O-I	s	0.55...0.89
	I-O-II, II-O-I	s	1.6...2.4
Rated current (In)		A	0.72...0.88
In-rush current		A	1.8...2.2
Switching rate			Max continuous Cycles/min 1 Short time Cycles/min 10
Terminal blocks data			
Conductor section	IEC min	mm ²	0.2
	IEC max	mm ²	2.5
	AWG/kcmil min		24
	AWG/kcmil max		14
Maximum cable length		m / ft	100 / 328
UL technical data			
UL Standard			1008
General purpose current rating		A	200
Operating voltage max		V	600
Total system current	240V	A	200
	480V	A	100
	600V	A	100
Resistive load current	240V	A	200
	480V	A	200
	600V	A	200
Short circuit rating		kA rms	100
Short circuit rating with fuse		Class/A	J/200
UL Terminal kit lugs			GLX500-501
Minimum enclosure dimensions at rated current	mm	mm	400 x 250 x 150
	in	in	15.8 x 9.9 x 5.9

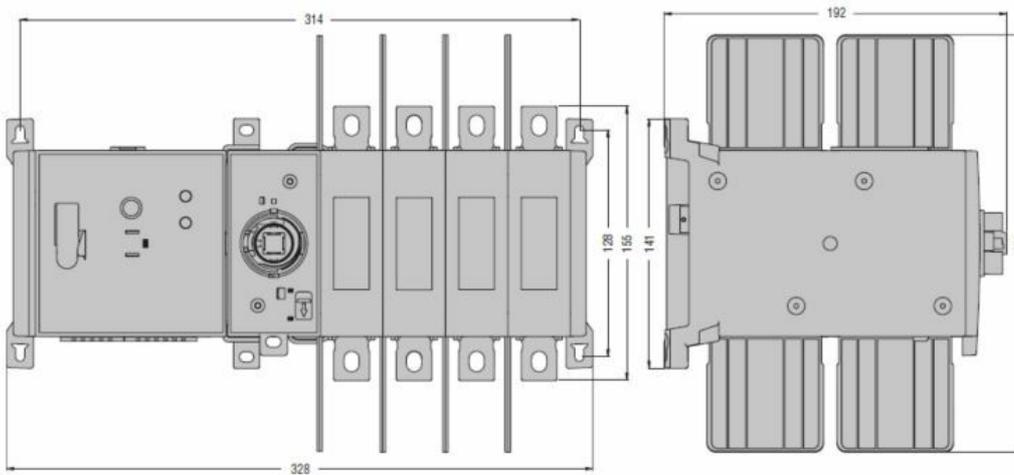
Ambient conditions

Operating temperature	min	°C	-25
	max	°C	+55
Storage temperature	min	°C	-40
	max	°C	+70
Max altitude	m		3000

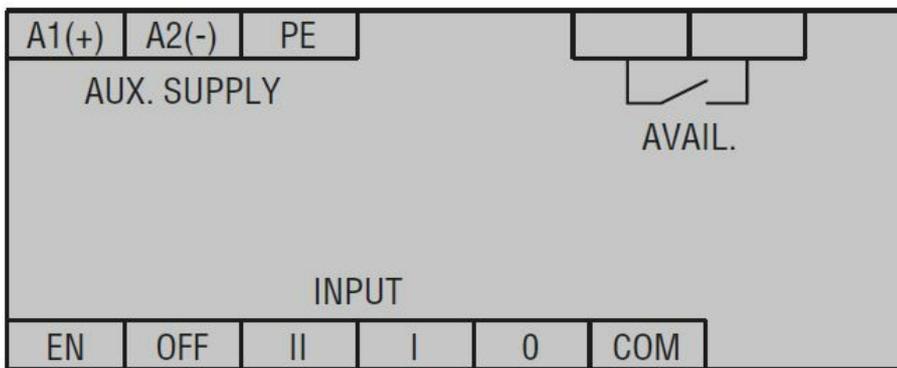
Resistance & Protection

Pollution degree			3
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Dimensions



Wiring diagrams



Certifications and compliance

Certifications

cULus