



Product designation				Motorized changeover switch
Product type designation				GLCM
Number of poles		Nr.	4	
Operating voltage type				AC
<b>Contact characteristics</b>				
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$		A	160	
Rated insulation voltage $U_i$ IEC/EN		V	1000	
Rated impulse withstand voltage $U_{imp}$		kV	12	
Operating current $I_e$				
	AC21A			
		400V	A	160
		500V	A	160
		690V	A	160
	AC22A			
		400V	A	160
		500V	A	160
		690V	A	160
	AC23A			
		400V	A	160
		500V	A	160
		690V	A	160
	AC-31B			
		400V	A	160
		500V	A	160
		690V	A	160
	AC-32B			
		400V	A	160
		500V	A	160
		690V	A	160
	AC-33B			
		400V	A	160
		500V	A	160
		690V	A	160
Power dissipation per pole max			W	3.2
Rated operational power AC23A				
		400V	kW	90
		690V	kW	144
Conditional short-circuit current (rms)			kA	100
Short-circuit protection with fuse			Class/A	gG/160
Making capacity AC23A 400V			A	1600
Breaking capacity AC23A 400V			A	1280
Mechanical life			cycles	20000
<b>Mechanical features</b>				
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 <sup>2</sup>	70
	IEC max	mm <sup>2</sup>	185
	AWG/kcmil min		00
	AWG/kcmil max	kcmil	400
Weight		g	8400
<b>Motor data</b>			
Rated operational voltage		V	24VDC
Operating voltage range			19.2...31.2VDC
Operating time	I-O, O-I	s	0.55...0.89
	I-O-II, II-O-I	s	0.98...1.40
Rated current (In)		A	2.7...3.3
In-rush current		A	5.4...6.6
Switching rate			Max continuous Cycles/min 1 Short time Cycles/min 10
<b>Terminal blocks data</b>			
Conductor section	IEC min	mm <sup>2</sup>	0.2
	IEC max	mm <sup>2</sup>	2.5
	AWG/kcmil min		24
	AWG/kcmil max		14
Maximum cable length		m / ft	100 / 328
<b>UL technical data</b>			
UL Standard			1008
General purpose current rating		A	100
Operating voltage max		V	600
Total system current	240V	A	100
	480V	A	100
	600V	A	100
Resistive load current	240V	A	100
	480V	A	100
	600V	A	100
Short circuit rating		kA rms	100
Short circuit rating with fuse		Class/A	J/100
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
<b>Ambient conditions</b>			

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

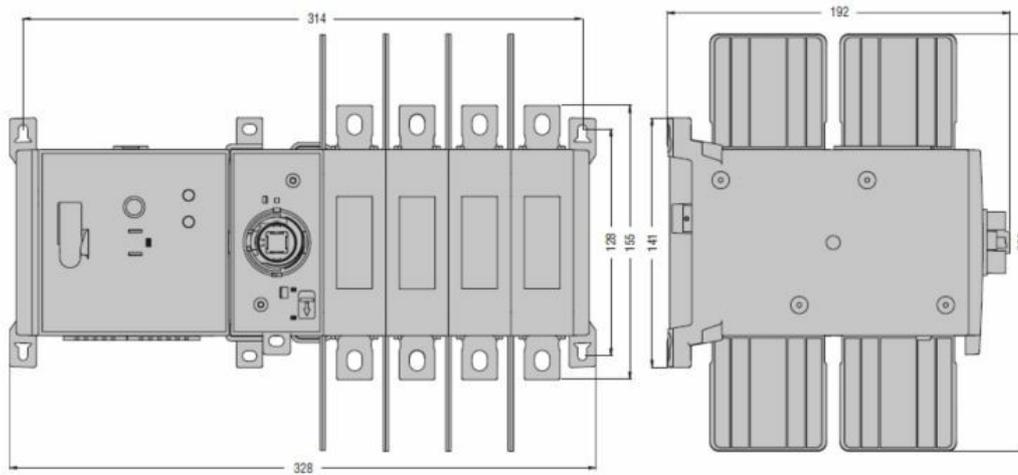
m	3000
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**Resistance & Protection**

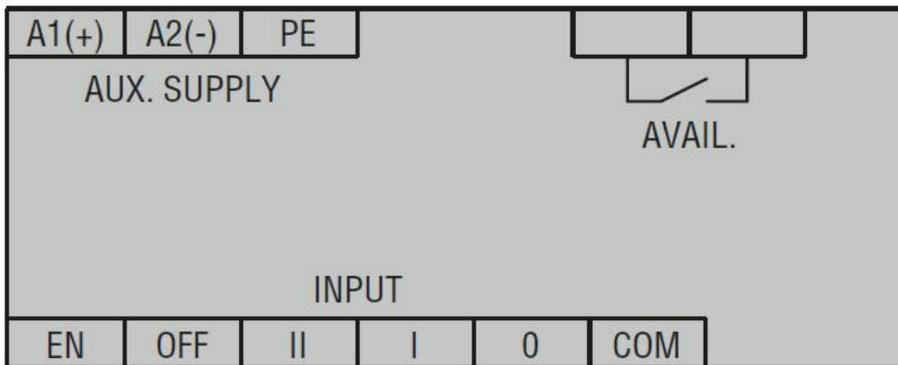
Pollution degree

3

**Dimensions**



**Wiring diagrams**



**Certifications and compliance**

Certifications

cULus