GL0320C1

Three-pole switch disconnector, IEC/EN, 320A



Product designation			Switch disconnector
Product type designation			GL
Number of poles		Nr.	3
Operating voltage type			AC
Contact characteristics			
IEC Conventional free air thermal current Ith		A	320
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	12
Operating current Ie			
AC21A			
	400V	A	320
	500V	A	320
	690V	A	320
AC22A			
	400V	A	320
	500V	A	320
	690V	A	320
AC23A			
	400V	A	320
	500V	A	320
	690V	A	320
Power dissipation per pole max		W	20.8
Rated operational power AC23A			
	400V	kW	160
	690V	kW	315
Rated short time current (1s) Icw (rms)		kA	12.5
Rated short time current (0.3s) Icw (rms)		kA	20
Conditional short-circuit current (rms)		kA	80
Short-circuit protection with fuse		Class/A	gG/355
Making capacity AC23A 400V		A	3200
Breaking capacity AC23A 400V		A	2560
Mechanical life		cycles	10000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		Any
Fixing			Screw
Terminals			
	type		M10 x 25
Tightening torque for terminals			
	min	Nm	30
	max	Nm	37
	min	lbin	265
	max	lbin	327

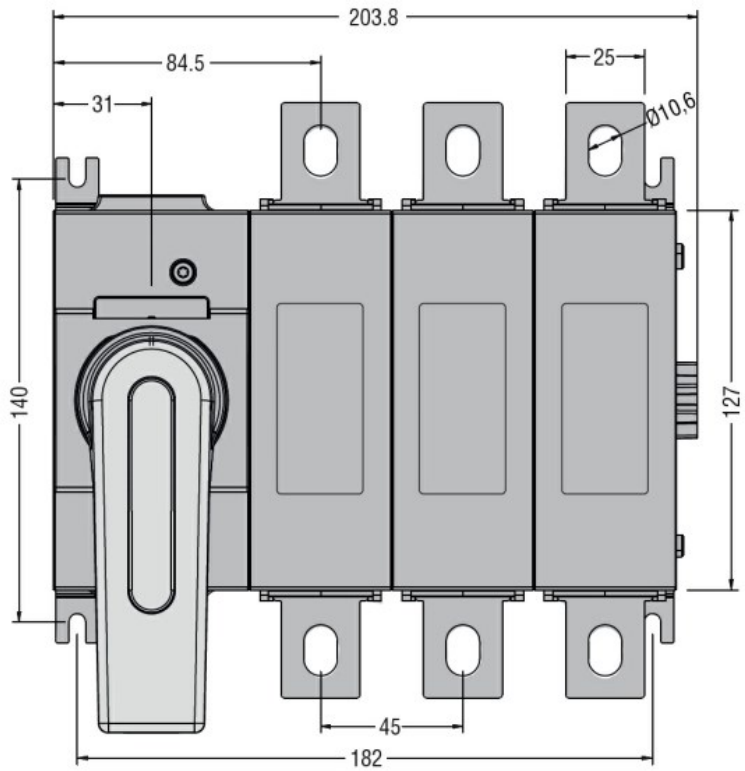
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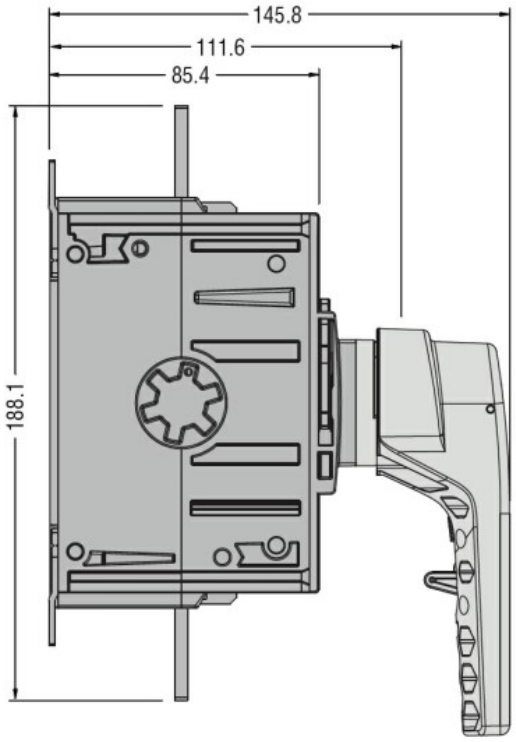
Conductor section			
	IEC min	mm²	1x185
	IEC max	mm²	2x185
	AWG/kcmil min		1x400
	AWG/kcmil max		2x350

Ambient conditions

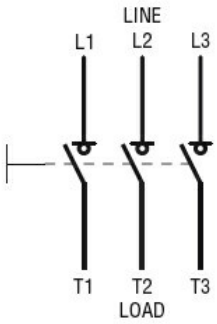
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000

Dimensions





Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

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ETIM classification

ETIM 8.0	EC000216 - Switch disconnector

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