



Product designation				Fourth pole
Product type designation				GLX42
Number of poles	Nr.			1
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}	A			1250
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse withstand voltage U _{imp}	kV			12
Operating current I _e				
AC21A				
	400V	A	1250	
	500V	A	1250	
	690V	A	1250	
	1000V	A	1250	
AC22A				
	400V	A	1250	
	500V	A	1250	
	690V	A	1250	
AC23A				
	400V	A	1250	
	500V	A	1250	
	690V	A	1250	
Power dissipation per pole max	W			63
Rated operational power AC23A				
	400V	kW	710	
	690V	kW	1000	
Rated short time current (1s) I _{cw} (rms)	kA			50
Conditional short-circuit current (rms)	kA			100
Short-circuit protection with fuse	Class/A			gG/1250
Making capacity AC23A 400V	A			12500
Breaking capacity AC23A 400V	A			10000
Mechanical life	cycles			3000
Mechanical features				
Operating position	normal allowable			Vertical plan Any
Fixing				Screw
Terminals	type			M12
Tightening torque for terminals				
	min	Nm	50	
	max	Nm	75	
	min	lbin	442	
	max	lbin	664	
Ambient conditions				

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

m	3000
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Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

ETIM classification

ETIM 8.0

EC002498 -
Accessories/spare
parts for low-
voltage switch
technology