



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	1600	
Rated insulation voltage U _i IEC/EN	V	1000	
Rated impulse withstand voltage U _{imp}	kV	12	
Operating current I _e			
AC21A			
	400V	A	1600
	500V	A	1600
	690V	A	1600
	1000V	A	1600
AC22A			
	400V	A	1600
	500V	A	1600
	690V	A	1600
AC23A			
	400V	A	1600
	500V	A	1600
	690V	A	1600
Power dissipation per pole max	W	63	
Rated operational power AC23A			
	400V	kW	900
	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/2x800	
Making capacity AC23A 400V	A	16000	
Breaking capacity AC23A 400V	A	12800	
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