



Product type designation	Product designation			Switch disconnector
Operating voltage type AC Contact characteristics IEC Conventional free air thermal current Ith A 800 Rated insulation voltage Ui IEC/EN V 1000 Rated impulse withstand voltage Uirip kV 12 Operating current Ie AC21A 400V A 800 500V A 800 690V A 800 690V A 800 500V A 800 690V A 800 500V A 800 500V A 800 690V A 800 690V A 800 690V A 800 690V A 800 690V A 800 690V A 800 690V A 800 Power dissipation per pole max W 63 8 8 8 8 8 8 8 8 8 8 8 8 <td>Product type designation</td> <td></td> <td></td> <td>GL UL</td>	Product type designation			GL UL
Contact characteristics	Number of poles		Nr.	4
EC Conventional free air thermal current Ith Rated insulation voltage Ui IEC/EN	Operating voltage type			AC
Rated insulation voltage Ui IEC/EN	Contact characteristics			
Rated impulse withstand voltage Ulimp	IEC Conventional free air thermal current Ith		Α	800
AC21A			V	1000
AC21A	Rated impulse withstand voltage Uimp		kV	12
A 000	Operating current le			
S00V A 800 690V A 800 600V A 800V A 80V A	AC21A			
Record R			Α	
AC22A		500V	Α	800
AC22A			Α	
A		1000V	Α	800
S00V A 800 690V A 800V A 80V A 8	AC22A			
AC23A			Α	
AC23A			Α	
A 00V A 800		690V	Α	800
Soov A 800 690V A 800 1000V A 400	AC23A			
690V A 400 Power dissipation per pole max W 63 Rated operational power AC23A W 400 A 400V kW 400 400V kW 800 Rated short time current (1s) lcw (rms) kA 50 Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A 96/800 Making capacity AC23A 400V A 8000 Breaking capacity AC23A 400V A 6400 Mechanical life cycles 3000 Mechanical features Operating position Fixing normal allowable Vertical plan Any Fixing Screw Terminals type M12 Tightening torque for terminals min max Nm 50 max			Α	
Note				
Power dissipation per pole max Rated operational power AC23A 400V kW 400 690V kW 800 8				
Rated operational power AC23A 400V kW 400 690V kW 800 Rated short time current (1s) lcw (rms) kA 50 Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/800 Making capacity AC23A 400V A 8000 Breaking capacity AC23A 400V A 6400 Mechanical life cycles 3000 Mechanical features Operating position Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75		1000V		
Rated short time current (1s) Icw (rms) kA 50 Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/800 Making capacity AC23A 400V A 8000 Breaking capacity AC23A 400V A 6400 Mechanical life cycles 3000 Mechanical features Operating position Normal allowable Vertical plan allowable Fixing Screw Terminals Tightening torque for terminals min Nm 50 max Nm 75			W	63
Rated short time current (1s) lcw (rms) kA 50 Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/800 Making capacity AC23A 400V A 8000 Breaking capacity AC23A 400V A 6400 Mechanical life cycles 3000 Mechanical features Operating position Normal allowable Any Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75	Rated operational power AC23A			
Rated short time current (1s) lcw (rms) kA 50 Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/800 Making capacity AC23A 400V A 8000 Breaking capacity AC23A 400V A 6400 Mechanical life cycles 3000 Mechanical features Operating position Normal allowable Vertical plan allowable Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75				
Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/800 Making capacity AC23A 400V A 8000 Breaking capacity AC23A 400V A 6400 Mechanical life cycles 3000 Mechanical features Operating position normal allowable Vertical plan allowable Fixing Screw Terminals type M12 Tightening torque for terminals min Nm S0 Nm Nm 75		690V		
Short-circuit protection with fuse Class/A gG/800 Making capacity AC23A 400V A 8000 Breaking capacity AC23A 400V A 6400 Mechanical life cycles 3000 Mechanical features Operating position normal allowable Any Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75				
Making capacity AC23A 400V A 6400 Breaking capacity AC23A 400V A 6400 Mechanical life cycles 3000 Mechanical features Operating position Fixing normal allowable Any Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75	,			
Breaking capacity AC23A 400V A 6400 Mechanical life cycles 3000 Mechanical features Operating position Inormal allowable all	·			-
Mechanical life cycles 3000 Mechanical features Operating position normal vertical plan allowable Any Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75				
Mechanical features Operating position normal Vertical plan allowable Any Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75				
Operating position normal Vertical plan allowable Any Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75			cycles	3000
Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75				
Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75	Operating position			
Fixing Screw Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75				•
Terminals type M12 Tightening torque for terminals min Nm 50 max Nm 75		allowable		•
Tightening torque for terminals min Nm 50 max Nm 75				Screw
Tightening torque for terminals min Nm 50 max Nm 75	Terminals			
min Nm 50 max Nm 75		type		M12
max Nm 75	Tightening torque for terminals			
		min	Nm	
min Ibin 442		max		
		min	Ibin	442



ENERGY AND AUTOMATION

	max	Ibin	664
UL technical data			
UL Standard			UL98
General purpose current rating		А	800
Operating voltage max		V	600
Horsepower/FLA current three phase motor			_
	240V	HP/A	200/480
	480V	HP/A	500/590
	600V	HP/A	500/472
Short circuit rating		kA rms	100
Short circuit rating with fuse		Class/A	L/800
UL Terminal kit lugs			GLX510
Minimum enclosure dimensions at rated current			_
	mm	mm	1220x610x305
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000
Certifications and compliance			
Compliance			
IEC/EN/BS 60947-1			
IEC/EN/BS 60947-3			
Certifications			
cULus			
ETIM classification			
			EC000216 -
ETIM 8.0			Switch
			disconnector