

Switch disconnectors

Technical characteristics Switch disconnectors

TECHNICAL DATA ACCORDING TO IEC/EN 60947

TYPE	3-pole	GL0160...	GL0200... / GL0200...UL	GL0250...	GL0315...
	4-pole	GLX42 0315			

CONTACT CHARACTERISTICS

IEC conventional free air thermal current I _{th} (≤40°C)		A	160	200	250	315
IEC rated insulation voltage U _i		V	1000			
IEC rated impulse withstand U _{imp}		kV	12			
IEC rated operational current I _e						
AC21A	400V	A	160	200	250	315
	500V	A	160	200	250	315
	690V	A	160	200	250	315
AC22A	400V	A	160	200	250	315
	500V	A	160	200	250	315
	690V	A	160	200	250	315
AC23A	400V	A	160	200	250	250
	500V	A	160	200	250	250
	690V	A	160	200	250	250
Power dissipation		W/pole	3.2	4	6.5	6.5
IEC rated operational power						
AC23A	400V	kW	90	110	140	140
	690V	kW	144	200	250	250
IEC reactive power for control of capacitors 400V		kvar	80	100	115	145

SHORT CIRCUIT PROTECTION

Rated short-time current (1s) I _{cw}	kA rms	8			
Conditional short-circuit current	kA rms	100			
With fuse class gG	A	160	200	250	315
Making capacity AC23A 400V	A	1600	2000	2500	2500
Breaking capacity AC23A 400V	A	1280	1600	2000	2000
Mechanical life	cycles	20000			
Terminal for busbars	mm	M8 x 25			
Tightening torque	Nm	15...22			
	lbin	132...194			
Conductor section min.	mm ²	70	95	120	185
	AWG/ Kcmil	00	000	250	400

AMBIENT CONDITIONS

Temperature	Operating	°C	-25...+55
	Storage	°C	-40...+70
Maximum altitude		m	3000
Mounting position	Normal		Vertical
	Admissible		Any
Fixing		By screw or on 35mm DIN rail (IEC/EN 60715)	

TECHNICAL DATA ACCORDING TO UL/CSA RATINGS

TYPE	3-pole	—	GL0200...UL	—	—
	4-pole	—	GLX42 0200UL	—	—
Compliance		—	UL98 CSA C22.2 N°4	—	—
General purpose current ratings	A	—	200	—	—
Max operating voltage	V	—	600	—	—
Horsepower ratings /motor FLA current three-phase					
	240V	HP/A	75/192	—	—
	480V	HP/A	150/180	—	—
	600V	HP/A	200/192	—	—
Short circuit ratings	KA rms	—	200	—	—
With fuse class J	A	—	200	—	—
Terminal kit lugs		—	GLX5...	—	—
Minimum enclosure dimensions at rated current	mm	—	400 x 250 x 150	—	—