

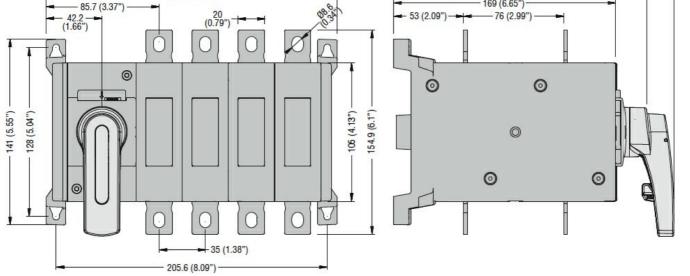


Product type designation GLC Number of poles Nr. 4 Operating voltage type AC Eonact characteristics IEC IEC Conventional free air thermal current th A 200 Rated insulation voltage UIEC/EN V 1000 Rated insulation voltage UIEC/EN V 1000 Rated insulation voltage UIEC/EN V 1000 Ac-31B 400V A 200	Product designation			Changeover Switch
Operating voltage type AC Contact characteristics IEC Conventional free air thermal current Ith A 200 Rated insulation voltage Ui IEC/EN V 1000 Rated insulation voltage Uinp kV 12 Operating current Ie AC-31B 400V A 200 AC-32B 400V A 200 AC-32B 400V A 200 AC-33B 400V A 200 Power dissipation per pole max W 4 4 Rated operational power AC23A 400V KW 10 G90V kW 100 500V KA 12 Conditional short-circuit current (ms) kA 12 100 100 Rated short time current (ms) <td< td=""><td>Product type designation</td><td></td><td></td><td>GLC</td></td<>	Product type designation			GLC
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IEC Conventional free air thermal current lth A 200 Rated insulation voltage Ui IEC/EN V 1000 Rated inpulse withstand voltage Uimp kV 12 Operating current le AC-31B 400V A 200 AC-32B 400V A 200 500V A 200 AC-32B 400V A 200 500V A 200 AC-32B 400V A 200 500V A 200 AC-33B 400V A 200 500V A 200 Power dissipation per pole max W 4 200 690V A 200 Power dissipational power AC23A W 4 400V KW 110 Rated operational power AC23A KA 6 8 8 Rated short time current (1s) Icw (rms) KA 12 2 2 00V KA 12 Conditional short-circuit protection with fuse Class/A 100 12 2 2	Operating voltage type			AC
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AC-32B 400V A 200 500V A 200 690V A 200 AC-33B 400V A 200 90V A 200 690V A 200 690V A 200 690V A 200 690V A 200 690V A 200 Power dissipation per pole max W 4 4 Rated operational power AC23A W 4 690V KW 200 690V KW 200 Rated short time current (1s) low (rms) KA 6 6 6 Rated short time current (0.3s) low (rms) KA 12 Conditional short-circuit current (rms) KA 12 Short-circuit protection with fuse Class/A gG/200 G/200 Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Mechanical features Operating position Screw		500V	А	200
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AC-33B 400V A 200 500V A 200 690V A 200 Power dissipation per pole max W 4 Rated operational power AC23A W 4 Rated short time current (1s) low (rms) kA 6 Rated short time current (0.3s) low (rms) kA 6 Rated short time current (nss) kA 10 Short-circuit protection with fuse Class/A gG/200 Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Mechanical features orcew 5 Operating position normal Vertical plan allowable Any 5 Tightening torque for terminals min Nm 15		500V	А	200
400V A 200 500V A 200 690V A 200 Power dissipation per pole max W 4 Rated operational power AC23A W 4 400V kW 110 690V kW 200 Rated short time current (1s) lcw (rms) kA 6 Rated short time current (0.3s) lcw (rms) kA 12 Conditional short-circuit protection with fuse Class/A gG/200 Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Machanical features Operating position Image: Screw Terminals screw Screw Tightening torque for terminals min Nm Ingent torque for terminals min Nm min Nm 15 max min Ibin 132		690V	А	200
500V A 200 690V A 200 Power dissipation per pole max W 4 Rated operational power AC23A W 4 400V kW 110 690V kA 6 Rated short time current (1s) lcw (rms) kA 6 Rated short time current (0.3s) lcw (rms) kA 12 Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/200 Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Mechanical features Operating position Image: Strew Carrent from position normal Vertical plan allowable Any Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Nm 22 min Ibin 132	AC-33B			
690VA200Power dissipation per pole maxW4Rated operational power AC23A400VkW400VkW110690VkW200Rated short time current (1s) lcw (rms)kA6Rated short time current (0.3s) lcw (rms)kA12Conditional short-circuit current (rms)kA100Short-circuit protection with fuseClass/AgG/200Making capacity AC23A 400VA2000Breaking capacity AC23A 400VA1600Mechanical lifecycles20000Operating positionnormalVertical planallowableAnyScrewTerminalstypeM8 x 20Tightening torque for terminalsminNmnormaltypeX22minlbin132		400V	А	200
Power dissipation per pole max W 4 Rated operational power AC23A 400V kW 110 690V kW 200 Rated short time current (1s) lcw (rms) kA 6 Rated short time current (0.3s) lcw (rms) kA 12 Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/200 Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Operating position normal Vertical plan allowable Any Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 min lbin 132		500V	А	200
Rated operational power AC23A 400V kW 110 690V kW 200 Rated short time current (1s) lcw (rms) kA 6 Rated short time current (0.3s) lcw (rms) kA 12 Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/200 Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Mechanical features Operating position normal Vertical plan allowable Any Fixing Screw Screw Tightening torque for terminals min Nm 15 min Ibin 132 Nin 22		690V	А	200
400VkW110690VkW200Rated short time current (1s) lcw (rms)kA6Rated short time current (0.3s) lcw (rms)kA12Conditional short-circuit current (rms)kA100Short-circuit protection with fuseClass/AgG/200Making capacity AC23A 400VA2000Breaking capacity AC23A 400VA1600Mechanical lifecycles20000Mechanical lifecycles20000Mechanical featuresOperating positionnormalVertical plan allowableAnyScrewFixingScrewScrewTerminalstypeM8 x 20Tightening torque for terminalsminNmminNm15 maxminlbin132	Power dissipation per pole max		W	4
690VkW200Rated short time current (1s) lcw (rms)kA6Rated short time current (0.3s) lcw (rms)kA12Conditional short-circuit current (rms)kA100Short-circuit protection with fuseClass/AgG/200Making capacity AC23A 400VA2000Breaking capacity AC23A 400VA1600Mechanical lifecycles20000Mechanical featuresOperating positionNormalPeriodScrewScrewFixingScrewTerminalstypeM8 x 20Tightening torque for terminalsminNmMin15 maxNm22 minMinJ32MinJ32	Rated operational power AC23A			
Rated short time current (1s) lcw (rms)kA6Rated short time current (0.3s) lcw (rms)kA12Conditional short-circuit current (rms)kA100Short-circuit protection with fuseClass/AgG/200Making capacity AC23A 400VA2000Breaking capacity AC23A 400VA1600Mechanical lifecycles20000Mechanical featuresOperating positionNormalPrixingScrewScrewTerminalstypeM8 x 20Tightening torque for terminalsminNmMinNm15maxNm22minIbin132		400V	kW	110
Rated short time current (0.3s) lcw (rms) kA 12 Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/200 Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Mechanical life cycles 20000 Operating position normal Vertical plan allowable Any Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 min lbin 132		690V	kW	200
Conditional short-circuit current (rms) kA 100 Short-circuit protection with fuse Class/A gG/200 Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Mechanical features Operating position rormal Vertical plan allowable Any Fixing Screw Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Nm 22 min Ibin 132	Rated short time current (1s) Icw (rms)		kA	6
Short-circuit protection with fuse Class/A gG/200 Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Mechanical features Operating position Image: comparison of the state of	Rated short time current (0.3s) Icw (rms)		kA	12
Making capacity AC23A 400V A 2000 Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Mechanical leatures 000 000 Operating position normal allowable Any Fixing Screw Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Making capacity AC23A 400V A 132	Conditional short-circuit current (rms)		kA	100
Breaking capacity AC23A 400V A 1600 Mechanical life cycles 20000 Mechanical features 0 Operating position normal allowable Any Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Max Nm 22 min min Nm 22 min	Short-circuit protection with fuse		Class/A	gG/200
Mechanical life cycles 20000 Mechanical features Operating position Normal allowable Any Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Min 15 max Nm 22 min Min 132 Nm 132	Making capacity AC23A 400V		А	2000
Mechanical features Operating position normal allowable Vertical plan allowable Any Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Nm 22 min Ibin 132	Breaking capacity AC23A 400V		А	1600
Operating position normal allowable Vertical plan Any allowable Any Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max min Ibin 132	Mechanical life		cycles	20000
normal allowable Vertical plan Any Any Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm Max Nm 22 min Ibin 132	Mechanical features		•	
allowable Any Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Nm 22 min Ibin	Operating position			
allowable Any Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Nm 22 min Ibin		normal		Vertical plan
Fixing Screw Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Nm 22 min Ibin 132				•
Terminals type M8 x 20 Tightening torque for terminals min Nm 15 max Nm 22 min Ibin 132	Fixing			
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Tightening torque for terminals min Nm 15 max Nm 22 min Ibin 132		type		M8 x 20
min Nm 15 max Nm 22 min Ibin 132	Tightening torgue for terminals			
max Nm 22 min Ibin 132		min	Nm	15
min Ibin 132				
		max	Ibin	194

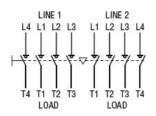


Conductor section

	IEC min IEC max AWG/kcmil min	mm² mm²	70 185 00
	AWG/kcmil max		400
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000
Dimensions			
220.8 (8.69") - 42.2 -		")	



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1	
IEC/EN 60947-3	
IEC/EN 60947-6-1	

ETIM classification

ETIM 8.0

EC000216 -Switch disconnector