



Product type designation gA Number of poles n.* 3 Operating voltage type * AC Electrical features * V 1000 Rated insulation voltage Ui V 1000 Rated impulse withstand voltage Uimp * X 40 Caparating current AC21A 400V A 40 AC21A 500V A 40 40 AC21A 400V A 40 40 AC21A 400V A 40 40 AC21A 500V A 40 40 AC22A 500V A 40 40 AC22A 500V A 40 40 AC23A 690V A 40 40 AC23A 690V A 25 Power dissipation per pole max * * * * Rated operational power AC23A * * * * * * * * * * * * * *	Product designation			Switch disconnector
Number of poles n.r. 3 Operating voltage type AC Electrical features Toward of the manage of the mean current lith A.m. 40 Rated insulation voltage Uimp kV 8 Operating current AC21A 400V A.m. 40 AC21A 500V A.m. 40 AC21A 690V A.m. 40 AC21A 690V A.m. 40 AC22A 690V A.m. 40 AC22A 690V A.m. 40 AC23A 690V A.m. 40 AC23A 690V A.m. 40 AC23A 690V A.m. 25 AC23A 690V W.m. 25 AC23A 690V A.m. 25 AC23A 690V A.m. 25 AC23A 690V A.m. 25 AC23A 690V A.m. 20 A.m. 20	Product type designation			
Conventional free air themal current Ith	· · · · · · · · · · · · · · · · · · ·		nr.	3
Conventional free air thermal current Ith Rated insulation voltage Uimp	Operating voltage type			AC
Rated insulation voltage Uimp	Electrical features			
Rated impulse withstand voltage Uimp	Conventional free air thermal current Ith		Α	40
AC21A 400V	Rated insulation voltage Ui		V	1000
AC21A 400V	Rated impulse withstand voltage Uimp		kV	8
AC21A 500V	Operating current			
AC21A 690V		AC21A 400V	Α	40
AC22A 400V		AC21A 500V	Α	40
AC22A 500V		AC21A 690V	Α	40
AC22A 690V		AC22A 400V	Α	40
AC23A 400V		AC22A 500V	Α	40
AC23A 500V		AC22A 690V	Α	40
Name		AC23A 400V	Α	40
Power dissipation per pole max Rated operational power AC23A 400V kW 18.5 690V kW 22 22 22 23 24 24 25 25 25 25 25 25			Α	25
Rated operational power AC23A 400V kW 5690V kW 22 18.5 690V kW 22 Rated short time current (1s) lcw (rms) A 800 Conditional short-circuit current (rms) kA 50 Short circuit protection with fuse gG40 Making capacity AC23A 400V A 400 Breaking capacity AC23A 400V A 320 Operations Cycles 100000 Electrical life AC21A Cycles 100000 Ambient conditions Cycles 100000 Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures normal allowable Any Operating position Normal allowable Any		AC23A 690V	Α	25
Rated short time current (1s) lcw (rms) A 800 Conditional short-circuit current (rms) A 800 Short circuit protection with fuse gG40 Making capacity AC23A 400V A 400 Breaking capacity AC23A 400V A 320 Operations Cycles 100000 Mechanical life Cycles 100000 Electrical life AC21A Cycles 100000 Ambient conditions Cycles 100000 Operating temperature min °C 25 Storage temperature min °C 40 Max altitude max °C 70 Max altitude m 3000 Mechanical feautures normal allowable Vertical plan Any Mounting Any	Power dissipation per pole max		W	1
Rated short time current (1s) Icw (rms) A 800 Conditional short-circuit current (rms) kA 50 Short circuit protection with fuse gG40 Making capacity AC23A 400V A 400 Breaking capacity AC23A 400V A 320 Operations Mechanical life Cycles 100000 Electrical life AC21A Cycles 100000 Ambient conditions To Cycles 100000 Operating temperature min °C -25 Max a cycles 55 55 Storage temperature min °C -40 Max altitude m 3000 Mechanical feautures normal Vertical plan allowable Operating position Any	Rated operational power AC23A			
Rated short time current (1s) lcw (rms) A 800 Conditional short-circuit current (rms) kA 50 Short circuit protection with fuse gG40 Making capacity AC23A 400V A 400 Breaking capacity AC23A 400V A 320 Operations Mechanical life Cycles 100000 Electrical life AC21A Cycles 100000 Ambient conditions Ambient conditions Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures Operating position Vertical plan allowable Any Mounting Screw / DIN rail		400V	kW	18.5
Conditional short-circuit current (rms) kA 50 Short circuit protection with fuse gG40 Making capacity AC23A 400V A 400 Breaking capacity AC23A 400V A 320 Operations Cycles 100000 Mechanical life Cycles 100000 Electrical life AC21A Cycles 100000 Ambient conditions To Cycles 100000 Operating temperature min °C -25 Storage temperature min °C -40 -40 max °C 70 max °C 70 Max altitude m 3000 Mechanical feautures Operating position Mounting Vertical plan allowable Any Screw / DIN rail		690V	kW	22
Short circuit protection with fuse gG40 Making capacity AC23A 400V A 400 Breaking capacity AC23A 400V A 320 Operations Cycles 100000 Mechanical life Cycles 100000 Electrical life AC21A Cycles 100000 Ambient conditions To 25 Operating temperature min °C -25 Storage temperature min °C -40 Max altitude m 3000 Mechanical feautures Operating position Operating position normal allowable Any Mounting Screw / DIN rail	Rated short time current (1s) lcw (rms)		Α	800
Making capacity AC23A 400V A 400 Breaking capacity AC23A 400V A 320 Operations Cycles 100000 Mechanical life Cycles 100000 Electrical life AC21A Cycles 100000 Ambient conditions Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Aday of the conditions of t	Conditional short-circuit current (rms)		kA	50
Breaking capacity AC23A 400V	Short circuit protection with fuse			gG40
Operations Mechanical life Cycles 100000 Electrical life AC21A Cycles 100000 Ambient conditions Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures Operating position normal allowable Any Mounting Screw / DIN rail	Making capacity AC23A 400V		Α	400
Mechanical life Cycles 100000 Electrical life AC21A Cycles 100000 Ambient conditions Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures Operating position normal allowable Vertical plan Any Mounting Screw / DIN rail	Breaking capacity AC23A 400V		Α	320
Electrical life AC21A	Operations			
Ambient conditions Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures Operating position normal allowable Mounting Mounting Screw / DIN rail	Mechanical life		Cycles	100000
Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures Operating position normal Vertical plan allowable Any Mounting Screw / DIN rail	Electrical life AC21A		Cycles	100000
min max °C -25 -25 -25 Storage temperature min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures m 3000 Operating position vertical plan allowable Any Mounting Screw / DIN rail	Ambient conditions			
Storage temperature min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures Operating position normal Vertical plan allowable Any Mounting	Operating temperature			
Storage temperature min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures Operating position normal Vertical plan allowable Any Screw / DIN rail		min	°C	-25
min °C -40 max °C 70 Max altitude m 3000 Mechanical feautures Operating position normal Vertical plan allowable Any Mounting Screw / DIN rail		max	°C	55
Max altitude m 3000 Mechanical feautures Operating position normal allowable Vertical plan Any Mounting Screw / DIN rail	Storage temperature			
Max altitude m 3000 Mechanical feautures Operating position normal Vertical plan allowable Any Screw / DIN rail		min	°C	-40
Mechanical feautures Operating position normal Vertical plan allowable Any Screw / DIN rail		max	°C	70
Operating position normal Vertical plan allowable Any Mounting Screw / DIN rail	Max altitude		m	3000
normal Vertical plan allowable Any Mounting Screw / DIN rail	Mechanical feautures			
Mounting allowable Any Screw / DIN rail	Operating position			
Mounting Screw / DIN rail		normal		Vertical plan
MOUNTING		allowable		Any
	Mounting			

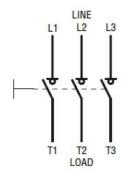


Terminals	,		
	type		Pillar
	width	mm	5.6
	height	mm	6.5
•	screw		M4
	tool		Phillips 2
Tightening torque for terminals			
	min	Nm	1.8
	max	Nm	2
	min	lbft	1.3
	max	lbft	1.5
Conductor section			
min	(IEC)	mm²	0.75
max	(IEC)	mm²	16
min (A	AWG)		18
max (/	AWG)		6
Frontal IP degree			IP20
Pollution degree			3
UL technical data			
Compliance			UL60947-4-1 / CSA C22.2 n°
Compliance			60947-4-1
General purpose current rating		Α	40
Operating voltage max		V	600
Horsepower/FLA current three phase motor	,		
	240V		15/42
	480V		20/27
	600V		25/27
Short circuit rating		kA	5
Short circuit rating with fuse			RK5/45

36 (1.42") (0.20") 43.9 (1.73") (2.75") (3.72") (1.78") (1.78") (1.78") (1.78") (1.78")



ENERGY AND AUTOMATION



Certifications and compliance

Compliance

CSA C22.2 n°60947-4-1

IEC/EN 60947-1

IEC/EN 60947-3

UL60947-4-1

Certifications

CCC

CSA C22.2 n°60947-4-1

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EAC

KEMA