



			0.00
Product designation			Switch disconnector
Product type designation			GA
Number of poles		Nr.	3
Operating voltage type			AC
Contact characteristics			
IEC Conventional free air thermal current Ith		А	63
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current le			
AC21A			
	400V	А	63
	500V	А	63
	690V	A	63
AC22A			
· · ·	400V	А	63
	500V	A	45
	690V	A	45
AC23A			
1020/1	400V	А	45
	500V	A	25
	690V	A	25
Power dissipation per pole max		W	2.9
Rated operational power AC23A			2.0
	400V	kW	22
	400V 690V	kW	22
Rated short time current (1s) Icw (rms)	0001	kA	0.8
Conditional short-circuit current (ms)		kA	10
Short-circuit protection with fuse		Class/A	
Making capacity AC23A 400V			gG63
		A	450
Breaking capacity AC23A 400V		A	360
Mechanical life		cycles	100000
Electrical life AC21A		cycles	15000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		Any
Fixing			Screw / DIN ra 35mm
Terminals			
	type		Pillar
	width	mm	5.6

height

screw

tool

6.5

M4 Phillips 2

mm

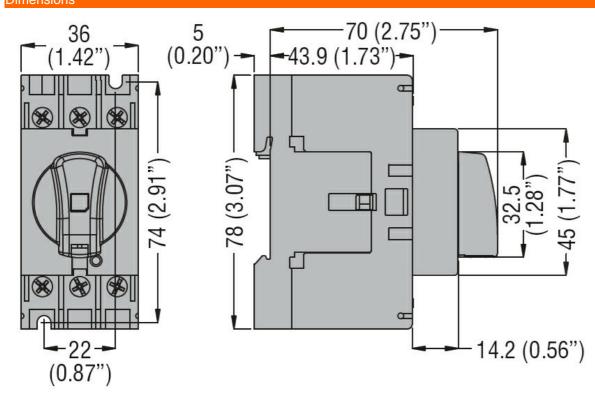


INTERRUPTEURS-SECTIONNEURS 3P COMMANDE DIRECTE AC21A 63A-AC23A 45A

GA063SA

Tightening torque for terminals min Nm 1.8 max Nm 2 min Ibin 16 max Ibin 16 max Ibin 18 Conductor section IEC min mm² 0.75 IEC max mm² 16 AWG/kcmil min 18 AWG/kcmil max 6 0 </th <th></th> <th></th> <th></th> <th></th>				
$\begin{array}{c c c c c c c } & max & Nm & 2 \\ min & lbin & 16 \\ max & lbin & 16 \\ max & lbin & 18 \\ \hline \\ \end{tabular} \\ \hline \end{tabular} \\ \hline \\ \end{tabular}$	Tightening torque for terminals			
$\begin{array}{c c c c c c c } & \min & \min & \min & 16 \\ & \max & \lim & 18 \\ \hline \label{eq:conductor section} & & & & & \\ \hline \begin{tabular}{lllllllllllllllllllllllllllllllllll$		min	Nm	1.8
max Ibin 18 Conductor section IEC min IEC max AWG/kcmil min AWG/kcmil max mm² 0.75 AWG/kcmil min AWG/kcmil max 18 18 UL technical data 18 18 UL technical data UL60947-4-1 6 UL standard UL60947-4-1 6 Horsepower/FLA current three phase motor 240V HP 15/42 Horsepower/FLA current three phase motor 240V HP 30/40 600V HP 30/40 600V HP 30/40 600V HP 30/40 60V HP 30/40 Short circuit rating with fuse Class/A RK5/45 KA rms 5 Short circuit rating with fuse Class/A RK5/45 KA rms 5 Operating temperature min °C -25 5 Storage temperature min °C -25 5 Max altitude °C +70 max °C +70 Max altitude Protection ma		max	Nm	2
Conductor section IEC min mm² 0.75 IEC max mm² 16 AWG/kcmil min 18 AWG/kcmil max 6 UL technical data UL60947-4-1 General purpose current rating A 60 Horsepower/FLA current three phase motor 240V 240V HP 15/42 480V HP 30/40 600V HP 30/32 Short circuit rating KA rms 5 Short circuit rating with fuse Class/A Qperating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C +70 Max altitude m 3000 Resistance & Protection IP20		min	lbin	16
$\begin{array}{cccc} \mbox{IEC min} & \mbox{mm}^2 & 0.75 \\ \mbox{IEC max} & \mbox{mm}^2 & 16 \\ \mbox{AWG/kcmil min} & 18 \\ \mbox{AWG/kcmil max} & 6 \\ \mbox{UL technical data} & & & \mbox{UL 5tandard} \\ \mbox{UL standard} & & & \mbox{UL 60947-4-1} \\ \mbox{General purpose current rating} & \mbox{A} & 60 \\ \mbox{Horsepower/FLA current three phase motor} & & \mbox{UL 60947-4-1} \\ \mbox{General purpose current rating} & \mbox{A} & 60 \\ \mbox{Horsepower/FLA current three phase motor} & & \mbox{UL 60947-4-1} \\ \mbox{240V} & \mbox{HP} & 30/40 \\ \mbox{600V} & \mbox{HP} & 30/40 \\ \mbox{600V} & \mbox{HP} & 30/40 \\ \mbox{600V} & \mbox{HP} & 30/32 \\ \mbox{Short circuit rating with fuse} & & \mbox{Class/A} & \mbox{RK5/45} \\ \mbox{Ambient conditions} & & Rescale moves and moves $		max	lbin	18
$\begin{array}{cccc} \text{IEC max} & \text{mm}^2 & 16 \\ AWG/kcmil min} & 18 \\ AWG/kcmil max & 6 \end{array} \\ \hline \textbf{UL technical data} & & & & & \\ \textbf{UL technical data} & & & & & \\ \textbf{UL Standard} & & & & & \\ \textbf{UL 60947-4-1} \\ \hline \textbf{General purpose current rating} & A & 60 \end{array} \\ \hline \textbf{Horsepower/FLA current three phase motor} & & & & \\ \hline \textbf{Horsepower/FLA current three phase motor} & & & \\ \hline \textbf{240V} & \textbf{HP} & 15/42 \\ 480V & \textbf{HP} & 30/40 \\ 600V & \textbf{HP} & 30/40 \\ 600V & \textbf{HP} & 30/32 \end{array} \\ \hline \textbf{Short circuit rating} & & \textbf{kA rms} & 5 \end{array} \\ \hline \textbf{Short circuit rating with fuse} & & & \textbf{Class/A} & \textbf{RK5/45} \end{array} \\ \hline \textbf{Mbient conditions} & & & \\ \hline \textbf{Operating temperature} & & & \\ \hline \textbf{min} & ^{\circ}\textbf{C} & -25 \\ \hline \textbf{max} & ^{\circ}\textbf{C} & 55 \end{array} \\ \hline \textbf{Storage temperature} & & & \\ \hline \textbf{min} & ^{\circ}\textbf{C} & -40 \\ \hline \textbf{max} & ^{\circ}\textbf{C} & -770 \\ \hline \textbf{Max attitude} & & \textbf{m} & 3000 \\ \hline \textbf{Resistance \& Protection} & & \\ \hline \textbf{Frontal IP degree} & & & \\ \hline \textbf{IP20} \end{array}$	Conductor section			
$\begin{array}{c c c c c } AWG/kcmil min & 18\\ AWG/kcmil max & 6\\ \hline \\ UL technical data & & & \\ UL Standard & & UL 60947-4-1\\ \hline \\ General purpose current rating & A & 60\\ \hline \\ Horsepower/FLA current three phase motor & & & \\ 240V & HP & 15/42 & \\ 480V & HP & 30/40 & \\ 600V & HP & 30/32 & \\ \hline \\ Short circuit rating & & kA rms & 5\\ \hline \\ Short circuit rating with fuse & & Class/A & RK5/45 & \\ \hline \\ Ambient conditions & & & \\ Operating temperature & & & \\ \hline \\ Operating temperature & & & \\ \hline \\ Min & ^{\circ}C & -25 & \\ max & ^{\circ}C & 55 & \\ \hline \\ Storage temperature & & & \\ \hline \\ Max altitude & & m & 3000 & \\ \hline \\ Resistance & & Protection & & \\ \hline \\ Frontal IP degree & & & \\ \hline \end{array}$		IEC min	mm²	0.75
AWG/kcmil max6UL technical dataUL 60947-4-1General purpose current ratingA60Horsepower/FLA current three phase motor240VHP15/42240VHP30/40600VHP30/32Short circuit ratingkA rms55Short circuit rating with fuseClass/ARK5/45Ambient conditionsOperating temperaturemin°C-25max°C5555Storage temperaturemin°C-40max°C+70Max altitudem3000Resistance & ProtectionIP20		IEC max	mm²	16
UL technical data UL60947-4-1 General purpose current rating A 60 Horsepower/FLA current three phase motor 240V HP 15/42 480V HP 30/40 600V HP 30/40 600V HP 30/40 600V HP 30/32 Short circuit rating kA rms 5 5 Short circuit rating with fuse Class/A RK5/45 Ambient conditions 0 0 1 Operating temperature min °C -25 max °C 55 5 Storage temperature min °C -40 max °C +70 1 Max altitude m 3000 3000 Resistance & Protection IP20 1		AWG/kcmil min		18
UL Standard UL60947-4-1 General purpose current rating A 60 Horsepower/FLA current three phase motor 240V HP 15/42 480V HP 30/40 600V HP 30/32 Short circuit rating kA rms 5 Short circuit rating with fuse Class/A RK5/45 Ambient conditions 0 0 0 Operating temperature min °C -25 max °C 55 55 Storage temperature min °C -40 max °C +70 1000 Max altitude m 3000 3000 Resistance & Protection IP20 1000 1000		AWG/kcmil max		6
General purpose current rating A 60 Horsepower/FLA current three phase motor 240V HP 15/42 480V HP 30/40 600V HP 30/32 Short circuit rating kA rms 5 5 Short circuit rating with fuse Class/A RK5/45 Ambient conditions Operating temperature min °C -25 Storage temperature min °C -25 Max altitude m 3000 Resistance & Protection m 3000	UL technical data			
Horsepower/FLA current three phase motor $240V$ $480V$ HP $30/40$ $600V$ HP $30/32$ Short circuit ratingkA rms5Short circuit rating with fuseClass/A $RK5/45$ RK5/45Ambient conditionsClass/A $RK5/45$ RK5/45Operating temperaturemin $^{\circ}C$ -25 max $^{\circ}C$ $55Storage temperatureMax altitudem30003000Resistance & ProtectionIP20$	UL Standard			UL60947-4-1
$\begin{array}{c cccc} 240 & HP & 15/42 \\ 480 & HP & 30/40 \\ 600 & HP & 30/32 \\ \hline \\ Short circuit rating with fuse & & Class/A & RK5/45 \\ \hline \\ Ambient conditions & & & \\ Operating temperature & & & \\ \hline \\ min & ^{\circ}C & -25 \\ max & ^{\circ}C & 55 \\ \hline \\ Storage temperature & & & \\ \hline \\ min & ^{\circ}C & -40 \\ max & ^{\circ}C & +70 \\ \hline \\ Max altitude & m & 3000 \\ \hline \\ \hline \\ Resistance & Protection \\ \hline \\ Frontal IP degree & & IP20 \\ \hline \end{array}$	General purpose current rating		А	60
480V 600VHP HP30/40 30/32Short circuit rating Short circuit rating with fusekA rms5Short circuit rating with fuseClass/ARK5/45Ambient conditionsClass/ARK5/45Operating temperaturemin °C-25 rmax °C55Storage temperaturemin max °C-40 rmax r-40 rmax rMax altitudem3000Resistance & ProtectionIP20	Horsepower/FLA current three phase motor			
600VHP30/32Short circuit ratingkA rms5Short circuit rating with fuseClass/ARK5/45Ambient conditionsOperating temperaturemin°C-25max°C55Storage temperaturemin°C-40max°C+70Max altitudem3000Resistance & ProtectionIP20		240V	HP	15/42
Short circuit rating kA rms 5 Short circuit rating with fuse Class/A RK5/45 Ambient conditions 0 0 Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C +70 Max altitude m 3000 Resistance & Protection IP20		480V	HP	30/40
Short circuit rating with fuse Class/A RK5/45 Ambient conditions Class/A RK5/45 Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C +70 Max altitude m 3000 Resistance & Protection IP20		600V	HP	30/32
Ambient conditions Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C +70 Max altitude m 3000 Resistance & Protection Frontal IP degree	Short circuit rating		kA rms	5
Operating temperature min °C -25 max °C 55 Storage temperature min °C -40 max °C +70 Max altitude m 3000 Resistance & Protection Frontal IP degree IP20	Short circuit rating with fuse		Class/A	RK5/45
min max°C °C-25 55Storage temperature°C max-40 maxmin max°C °C-40 +70Max altitudem 30003000Resistance & ProtectionIP20	Ambient conditions			
max°C55Storage temperaturemin max°C-40 +70Max altitudem3000Resistance & Protectionm3000Frontal IP degreeIP20	Operating temperature			
Storage temperature min °C -40 max °C +70 Max altitude m 3000 Resistance & Protection IP20		min	°C	-25
min°C-40max°C+70Max altitudem3000Resistance & ProtectionFrontal IP degreeIP20		max	°C	55
max°C+70Max altitudem3000Resistance & ProtectionIP20	Storage temperature			
Max altitudem3000Resistance & ProtectionIP20		min	°C	-40
Resistance & Protection Frontal IP degree IP20		max	°C	+70
Frontal IP degree IP20	Max altitude		m	3000
	Resistance & Protection			
Pollution degree 3	Frontal IP degree			IP20
	Pollution degree			3

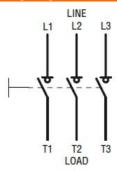
Dimensions



GA063SA



Wiring diagrams



Certifications and co	mpliance	
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	
	cULus according to UL60947-4-1	
	EAC	
	KEMA	
ETIM classification		
		EC000216 -
		Switch

ETIM 8.0

EC000216 -Switch disconnector