Rotary cam switches
GX series

U version front mounting. ON/OFF switches

General purpose	Rated current AC21A	Front plate size	Catalog number	Price
[A]	[A]	[mm]		$ each
ON/OFF SWITCHES. One-pole – 1 wafer – scheme 90.				
12	16	☐ 48	**GX16 90 U**	30.00
15	20	☐ 48	**GX20 90 U**	34.00
32	32	☐ 65	**GX32 90 U**	45.00
40	40	☐ 65	**GX40 90 U**	51.00
Two-pole – 1 wafer – scheme 91.				
12	16	☐ 48	**GX16 91 U**	35.00
15	20	☐ 48	**GX20 91 U**	39.00
32	32	☐ 65	**GX32 91 U**	51.00
40	40	☐ 65	**GX40 91 U**	58.00
Three-pole – 2 wafers – scheme 10.				
12	16	☐ 48	**GX16 10 U**	41.00
15	20	☐ 48	**GX20 10 U**	46.00
32	32	☐ 65	**GX32 10 U**	61.00
40	40	☐ 65	**GX40 10 U**	69.00
Four-pole – 2 wafers – scheme 92.				
12	16	☐ 48	**GX16 92 U**	47.00
15	20	☐ 48	**GX20 92 U**	52.00
32	32	☐ 65	**GX32 92 U**	71.00
40	40	☐ 65	**GX40 92 U**	78.00

Front plate sizes
48x48mm = 1.9x1.9in
65x65mm = 2.6x2.6in
90x90mm = 3.5x3.5in

General characteristics
- 16 to 40A capacity
- Extended mechanical and electrical life
- Switching angles: 30°, 45°, 60° and 90°
- Silver-alloy dual-breaking contacts. Direct (positive-guided) opening operation ⊖; safety function per IEC/EN 60947-5-1
- IP65 front degree of protection; IP20 protection of contacts
- Legend marking is standard supplied as illustrated in the catalog number table; any other on request.

Selection guide
See pages TC-34 and 35.

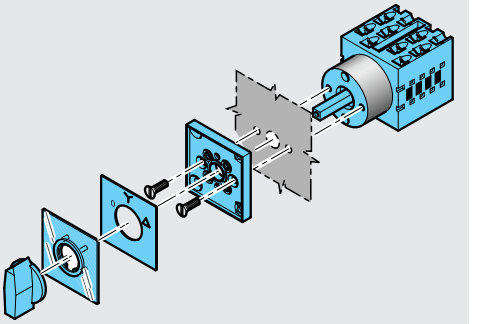
Optional
Enlarged front plate for GX16-GX20 (65x65mm instead of standard 48x48):
Add "**H**" after the switch rating in the order code
E.g. GX16**H** 10 U.

Enlarged front plate for GX32-GX40 (90x90mm instead of standard 65x65):
Add "**H**" after the switch rating in the catalog number
E.g. GX32**H** 10 U.

Special versions
In addition to standard types, particular versions are available with special operating circuit schemes.
Contact Sales & Technical Support or complete the form; refer to the page just after TC-48.

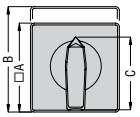
Type	UL horsepower ratings						Max AC23A power at 440V [kW]
	1 phase		3 phase				
	120V	240V	120V	240V	480V	600V	
GX16	3/4	1	1 1/2	3	5	5	6.5
GX20	3/4	1 1/2	1 1/2	3	5	5	7.5
GX32	1 1/2	3	3	7 1/2	15	15	15
GX40	2	5	5	10	15	15	18.5

Example of U version switch mounting

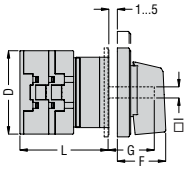


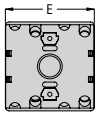
Certifications and compliance
UL listed for USA and Canada, File E155982.
Compliant to standards: IEC/EN 60947-1, IEC/EN 60947-3, IEC/EN 60204-1, IEC/EN 61058-1.

Front mounting



Drilling



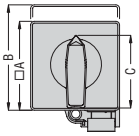


Rear view

Type	Dimensions											L [mm (in)]					
	□ A	B	C	D	E	F	G	H	□ I	L	M	1 wafer	2 wafers	3 wafers	4 wafers	5 wafers	6 wafers
GX16 U	48 (1.89")	—	39.5 (1.55")	45 (1.77")	48 (1.89")	26.5 (1.04")	23.5 (0.92")	28 (1.1")	6 (0.24")	12 (0.47")	5 (0.20")	42.5 (1.67")	51 (2.00")	59.5 (2.34")	68 (2.67")	76.5 (3.01")	85 (3.35")
GX16 U25	48 (1.89")	60 (2.36")	❶	45 (1.77")	48 (1.89")	34 (1.33")	23.5 (0.92")	28 (1.1")	6 (0.24")	12 (0.47")	5 (0.20")	39.5 (1.55")	48 (1.89")	56.5 (2.22")	65 (2.55")	73.5 (2.89")	82 (3.22")
GX20 U	48 (1.89")	—	39.5 (1.55")	45 (1.77")	48 (1.89")	26.5 (1.04")	23.5 (0.92")	28 (1.1")	6 (0.24")	12 (0.47")	5 (0.20")	42.5 (1.67")	51 (2.00")	59.5 (2.34")	68 (2.67")	76.5 (3.01")	85 (3.35")
GX20 U25	48 (1.89")	60 (2.36")	❶	45 (1.77")	48 (1.89")	34 (1.33")	23.5 (0.92")	28 (1.1")	6 (0.24")	12 (0.47")	5 (0.20")	39.5 (1.55")	48 (1.89")	56.5 (2.22")	65 (2.55")	73.5 (2.89")	82 (3.22")
GX32 U	65 (2.56")	—	53 (2.09")	58 (2.28")	66 (2.59")	34.5 (1.36")	26 (1.02")	28 (1.1")	7 (0.27")	14 (0.55")	5 (0.20")	47.5 (1.87")	59.5 (2.34")	71.5 (2.81")	83.5 (3.29")	95.5 (3.75")	107.5 (4.23")
GX32 U25	65 (2.56")	80 (3.15")	❶	58 (2.28")	66 (2.59")	38 (1.50")	26 (1.02")	28 (1.1")	7 (0.27")	14 (0.55")	5 (0.20")	48 (1.89")	60 (2.36")	72 (2.83")	84 (3.30")	96 (3.77")	108 (4.25")
GX40 U	65 (2.56")	—	53 (2.09")	58 (2.28")	66 (2.59")	34.5 (1.36")	26 (1.02")	28 (1.1")	7 (0.27")	14 (0.55")	5 (0.20")	47.5 (1.87")	59.5 (2.34")	71.5 (2.81")	83.5 (3.29")	95.5 (3.75")	107.5 (4.23")
GX40 U25	65 (2.56")	80 (3.15")	❶	58 (2.28")	66 (2.59")	38 (1.50")	26 (1.02")	28 (1.1")	7 (0.27")	14 (0.55")	5 (0.20")	48 (1.89")	60 (2.36")	72 (2.83")	84 (3.30")	96 (3.77")	108 (4.25")

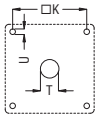
❶ Padlockable handle.

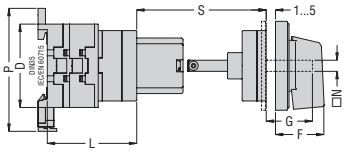
Door coupling O version

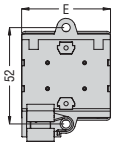


Drilling for 4-screw wafer fixing on mounting plate

Coupling and front plate fixing on the door





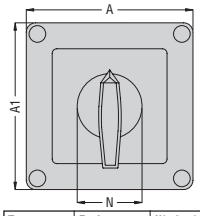


Rear view

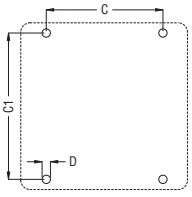
Type	Dimensions														L [mm (in)]					
	□ A	C	D	E	F	G	□ K	M	□ N	O	P	S	T	U	1 wafer	2 wafers	3 wafers	4 wafers	5 wafers	6 wafers
GX16 O	48 (1.89")	39.5 (1.55")	45 (1.77")	48 (1.89")	26.5 (1.04")	23.5 (0.92")	—	28 (1.1")	6 (0.24")	52 (2.04")	66.5 (2.61")	48-58 (1.89"-2.28")	12 (0.47")	5 (0.20")	40 (1.57")	48.5 (1.90")	57 (2.24")	65.5 (2.57")	74 (2.91")	82.5 (3.24")
GX16 O88	48 (1.89")	❶	45 (1.77")	48 (1.89")	34 (1.33")	23.5 (0.92")	36 (1.42")	—	6 (0.24")	52 (2.04")	66.5 (2.61")	45-55 (1.77"-2.16")	12 (0.47")	5 (0.20")	40 (1.57")	48.5 (1.90")	57 (2.24")	65.5 (2.57")	74 (2.91")	82.5 (3.24")
GX20 O	48 (1.89")	39.5 (1.55")	45 (1.77")	48 (1.89")	26.5 (1.04")	23.5 (0.92")	—	28 (1.1")	6 (0.24")	52 (2.04")	66.5 (2.61")	48-58 (1.89"-2.28")	12 (0.47")	5 (0.20")	40 (1.57")	48.5 (1.90")	57 (2.24")	65.5 (2.57")	74 (2.91")	82.5 (3.24")
GX20 O88	48 (1.89")	❶	45 (1.77")	48 (1.89")	34 (1.33")	23.5 (0.92")	36 (1.42")	—	6 (0.24")	52 (2.04")	66.5 (2.61")	45-55 (1.77"-2.16")	12 (0.47")	5 (0.20")	40 (1.57")	48.5 (1.90")	57 (2.24")	65.5 (2.57")	74 (2.91")	82.5 (3.24")
GX32 O	65 (2.56")	53 (2.09")	58 (2.28")	66 (2.59")	34.5 (1.36")	26 (1.02")	—	28 (1.1")	7 (0.27")	68 (2.68")	78 (3.07")	48-58 (1.89"-2.28")	14 (0.55")	5 (0.20")	48.7 (1.91")	60.7 (2.38")	72.7 (2.86")	84.7 (3.33")	96.7 (3.80")	108.7 (4.27")
GX32 O88	65 (2.56")	❶	58 (2.28")	66 (2.59")	38 (1.49")	26 (1.02")	48 (1.89")	—	7 (0.27")	68 (2.68")	78 (3.07")	45-55 (1.77"-2.16")	14 (0.55")	5 (0.20")	48.7 (1.91")	60.7 (2.38")	72.7 (2.86")	84.7 (3.33")	96.7 (3.80")	108.7 (4.27")
GX40 O	65 (2.56")	53 (2.09")	58 (2.28")	66 (2.59")	34.5 (1.36")	26 (1.02")	—	28 (1.1")	7 (0.27")	68 (2.68")	78 (3.07")	48-58 (1.89"-2.28")	14 (0.55")	5 (0.20")	48.7 (1.91")	60.7 (2.38")	72.7 (2.86")	84.7 (3.33")	96.7 (3.80")	108.7 (4.27")
GX40 O88	65 (2.56")	❶	58 (2.28")	66 (2.59")	38 (1.49")	26 (1.02")	48 (1.89")	—	7 (0.27")	68 (2.68")	78 (3.07")	45-55 (1.77"-2.16")	14 (0.55")	5 (0.20")	48.7 (1.91")	60.7 (2.38")	72.7 (2.86")	84.7 (3.33")	96.7 (3.80")	108.7 (4.27")

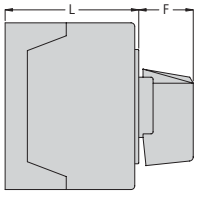
❶ Padlockable handle.

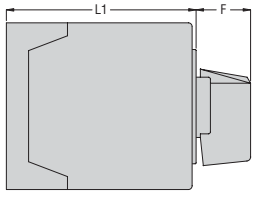
Mounting in enclosure

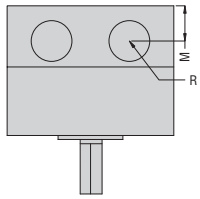


Drilling for enclosure fixing



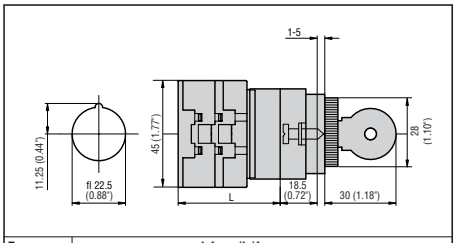






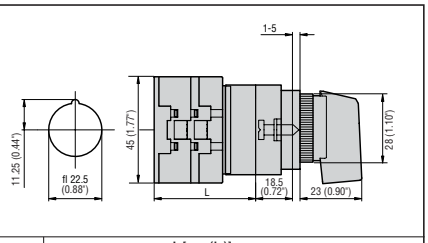
Type	Enclosure size	N° of wafers L	N° of wafers L1	A	A1	C	C1	D	F	M	N	L	L1	Protection degree	Cable glands
GX16 GX20	90x90 (3.54"x3.54")	1-2 1-2	3-5 3-5	90 (3.54")	90 (3.54")	79 (3.11")	63 (2.48")	4.5 (0.17")	25 (0.98")	19 (0.74")	30 (1.18")	71.3 (2.80")	98.3 (3.87")	IP65	4 PG 16
GX32 GX40	110x110 (4.33"x4.33")	1-2 1-2	3-4 3-4	110 (4.33")	110 (4.33")	98.4 (3.87")	83 (3.26")	4.5 (0.17")	32 (1.25")	21 (0.82")	39.5 (1.55")	85.5 (3.36")	119.5 (4.70")	IP65	4 PG 21

Flush mounting Ø 22mm



Type	L [mm (in)]			
	1 wafer	2 wafers	3 wafers	4 wafers
GX16	35 (1.37")	43.5 (1.71")	52 (2.04")	60.5 (2.38")

Flush mounting Ø 22mm



Type	L [mm (in)]			
	1 wafer	2 wafers	3 wafers	4 wafers
GX16	35 (1.37")	43.5 (1.71")	52 (2.04")	60.5 (2.38")