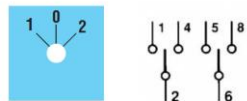




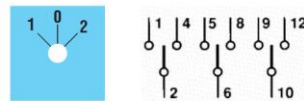
Part No	Description	Front Plate (mm)
GX2052U	20A Changeover switch 2 pole - 2 wafers - Scheme 52	48x48
GX2053U	20A Changeover switch 3 pole - 3 wafers - Scheme 53	48x48
GX2075U	20A Changeover switch 4 pole - 4 wafers - Scheme 75	48x48

52 - 2-pole changeover / double throw switch with 0



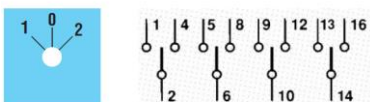
Number of wafers: 2
Switching angle: 60°

53 - 3-pole changeover / double throw switch with 0



Number of wafers: 3
Switching angle: 60°

75 - 4-pole changeover / double throw switch with 0

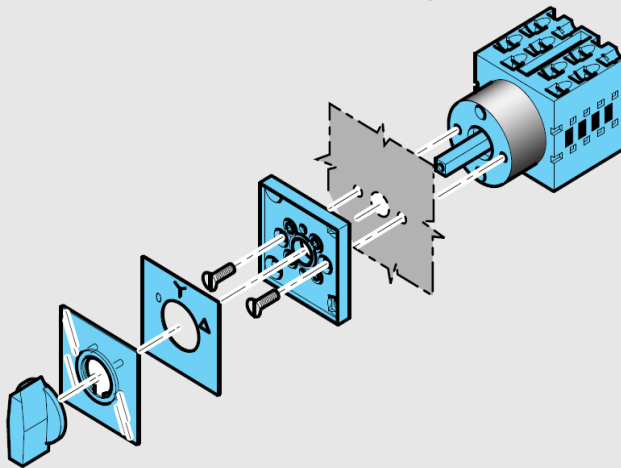


Number of wafers: 4
Switching angle: 60°

General characteristics

- IEC 16 to 40A conventional free air thermal current Ith ratings
- Extended mechanical and electrical life
- Rotation angles: 30°, 45°, 60° and 90°
- Silver-alloy dual-breaking contacts
- Direct (positive) opening action ⊖; safety function according to IEC/EN 60947-5-1
- IEC IP65 front degree of protection; IEC IP20 protection of contacts

Example of U version switch mounting



Certifications and compliance

Certifications obtained: EAC; UL Listed, for USA and Canada (File E155982) as Manual Motor Controllers. Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-3, IEC/EN 60947-5-1, IEC/EN 61058-1, UL508, CSA C22.2 n° 14.

TYPE		GX16	GX20
Mechanical life	cycles	5x10 ⁶	5x10 ⁶
Terminal screw	M	3	3
Tightening torque	max Nm	0.5	0.8
Conductor cross section	max. r/f	2 mm ²	2.5/2.5
	2 AWG	14/14	14/14
r: rigid/solid f: flexible/stranded	min. r/f	2 mm ²	0.5/0.5
	2 AWG	20/20	20/20

TYPE		GX16	GX20
Rated insulation voltage U _i	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage U _{imp}	IEC/EN 60947-3	kV	6
	Conventional free air thermal current I _{th} IEC/EN UL/CSA (general purpose use)	A	16
Rated operating voltage (switch disconnect)	IEC/EN	V	440
	Operational impulse voltage (switch disconnect)	kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	A	20
	25kA	A	16
	50kA	A	-
	63kA	A	-
Short-time withstand current I _{cw}	1sec	A	250
	Rated operational current I _e	A	16
AC1 (IEC/EN)	110V	A	10
	220-230V	A	8
	380-400V	A	4
	660-690V	A	3
Motor power for switches in AC utilisation categories AC3 (IEC/EN)	220-230V	kW	3.5
	380-440V	kW	4.5
	500-690V	kW	5.5
1 phase (2 poles)	110V	kW	0.55
	220-230V	kW	1.5
	380-440V	kW	2.2
AC23A (IEC/EN)	220-230V	kW	3.7
	380-440V	kW	6.5
	500-690V	kW	7.5
1 phase (2 poles)	110V	kW	0.75
	220-230V	kW	1.8
	380-440V	kW	3
Motor power for direct-on-line control (UL/CSA-DOL) 3 phases	120V	HP	1.5
	230V	HP	3
	480V	HP	5
	600V	HP	5
1 phase (2 poles)	120V	HP	0.75
	230V	HP	1
Motor power for switches in DC utilisation categories 1 contact DC21A	48V	A	16
	60V	A	16
	110V	A	4
	220V	A	0.5
440V	A	0.25	0.25
	DC23A	24V	A
48V		A	16(2)
60V		A	16(3)
110V		A	10(3)
No. of contacts connected in series are indicated in brackets	220V	A	7(4)
			8(4)