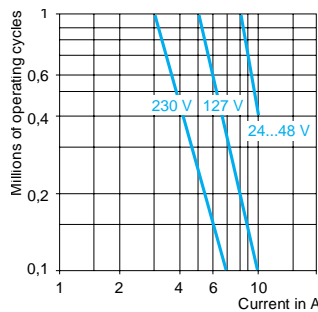


Environment	
Conformity to standards	IEC 947-5-1, EN 60 947-5-1, IEC 337-1, VDE 0660-200
Product certifications	Standard version: CSA A600-Q600, LRO
Protective treatment	Standard version: "TC"
Ambient air temperature	Operation: - 25...+ 70 °C. Storage: - 40...+ 70 °C
Operating position	All positions
Vibration resistance	5 gn (40 Hz < frequency < 500 Hz) conforming to IEC 68-2-6
Shock resistance	20 gn conforming to IEC 68-2-27
Electric shock protection	Class I, conforming to IEC 536 and NF C 20-030
Degree of protection	IP 66 conforming to IEC 529 and NF C 20-010
Mechanical life	1 million operating cycles

Contact block characteristics	
Rated operational characteristics	~ AC-15; A300 or $U_e = 240$ V and $I_e = 3$ A ≡ DC13; Q300 or $U_e = 250$ V and $I_e = 0.27$ A conforming to IEC 947-5-1 Appendix A
Rated insulation voltage	U_i : 500 V conforming to IEC 947-1; degree of pollution 3; 600 V conforming to UL 508 and CSA C 22-2 n° 14
Rated impulse withstand voltage	$U_{imp} = 6$ kV conforming to IEC 947-1
Contact operation	Slow break N/O
Short-circuit protection	10 A cartridge fuse type gG (gl) or N conforming to IEC 947-5-1, VDE 0660-200
Terminal referencing	Conforming to CENELEC EN 50013
Rated operational power	Conforming to IEC 947-5-1 Appendix C. Utilisation categories AC-15 and DC-13. Operating rate: 3600 operating cycles/hour. Load factor: 0.5

a.c. supply ~ 50-60 Hz
 ~ Inductive circuit

d.c. supply ≡
 Power broken in W
 for 1 million operating cycles



Voltage V	24	48	120
~ W	65	48	40

Electrical reliability	Failure rate < 1 fault for 100 million operating cycles (programmable controller inputs, ≡ 24 V)
Connection	- Screw and captive cable clamp terminals. Clamping capacity: min. 1 x 0.5 mm ² , max., with or without cable end: 2 x 1.5 mm ² - 6.3 mm Faston connectors (on request)

94172

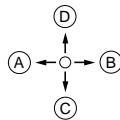
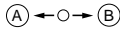


XD2 GA8211

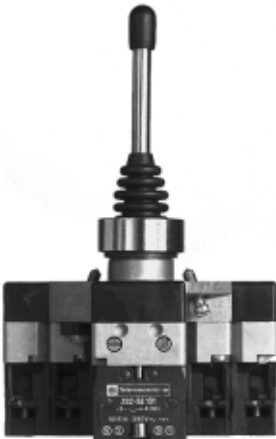
Complete units type XD2 G, with chromium plated metal bezel

Interchangeable contacts

Description	Operation	Spring return to zero position	Bezel finish	Reference	Weight kg	
2 direction Fixing centres 90 x 90 mm	1 notch 1 N/O contact per direction	Without	Shiny	XD2 GA8211	0.300	
			Black	XD2 GA82117	0.300	
		With	Shiny	XD2 GA8221	0.300	
			Black	XD2 GA82217	0.300	
		2 notches 2 N/O contacts per direction	Without	Shiny	XD2 GA8231	0.500
				Black	XD2 GA82317	0.500
	With	Shiny	XD2 GA8241	0.500		
		Black	XD2 GA82417	0.500		
	4 direction Fixing centres 90 x 90 mm	1 notch 1 N/O contact per direction	Without	Shiny	XD2 GA8411	0.330
				Black	XD2 GA84117	0.330
			With	Shiny	XD2 GA8421	0.330
				Black	XD2 GA84217	0.330
2 notches 2 N/O contacts per direction			Without	Shiny	XD2 GA8431	0.550
				Black	XD2 GA84317	0.550
With	Shiny	XD2 GA8441	0.550			
	Black	XD2 GA84417	0.550			
1 st notch stay put 2 nd notch with spring return to 1 st notch	Without	Shiny	XD2 GA8451	0.550		
		Black	XD2 GA84517	0.550		



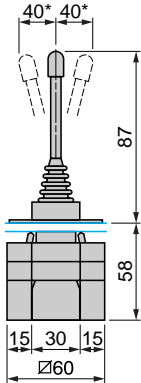
94173



XD2 GA8441

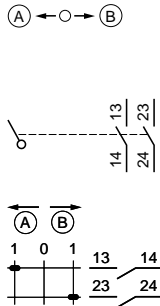
XD2 GA●●

1 notch
1 N/O contact per direction

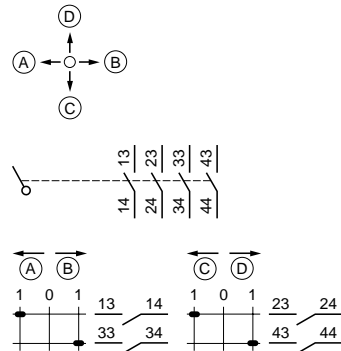


* in each of the 4 directions

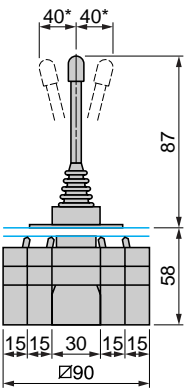
XD2 GA8211, GA8217 XD2 GA8221, GA8227



XD2 GA8411, GA8417 XD2 GA8421, GA8427

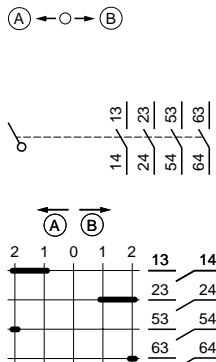


2 notches
2 N/O contacts per direction

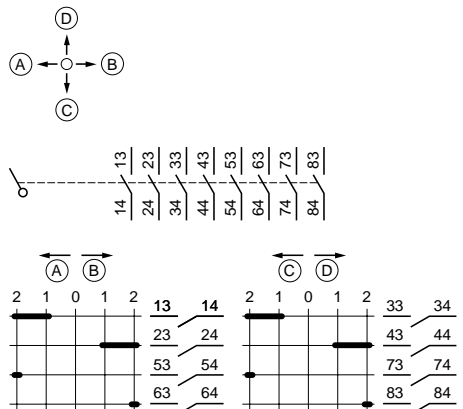


* in each of the 4 directions

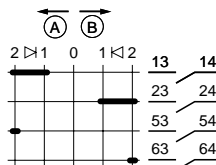
XD2 GA8231, GA8237 XD2 GA8241, GA8247



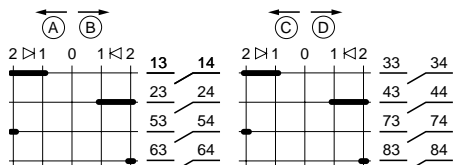
XD2 GA8431, GA8437 XD2 GA8441, GA8447



XD2 GA8251, GA8257



XD2 GA8451, GA8457



Panel cut-out
(thickness 1 to 6 mm)
XD2 GA (2 and 4 direction)

