

# Pendant control stations

Double insulated, type XAC B

Metal, type XAC M

For control circuits

## Environment

Conformity to standards		EN/IEC 60947-5-1, CSA C22-2 n° 14
Product certifications	XAC B	Standard version: CSA 300 V type 4
	XAC M	Standard version: CSA 300 V type 4
Protective treatment	XAC B	Standard version: "TH"
	XAC M	Standard version: "TC", ("TH" on request)
Ambient air temperature	For storage	°C - 40...+ 70
	For operation	°C - 25...+ 70
Vibration resistance		15 gn (10...500 Hz) conforming to IEC 60068-2-6
Shock resistance		100 gn conforming to IEC 60068-2-27
Electric shock protection	XAC B	Class II
	XAC M	Class I conforming to IEC 61140
Degree of protection		IP 65 conforming to IEC 60529; IK 08 conforming to EN 50102
Mechanical durability (in millions of operating cycles)		1
Enclosure	XAC B	Double insulated glass-reinforced polyester (colour: yellow)
	XAC M	Aluminium enclosure. Painted yellow
Cable entry		Rubber sleeve with stepped entry diameter for cable Ø 7...13 mm, Ø 10...22 mm or Ø 22...35 mm

## Contact block characteristics

Rated operational characteristics		~ AC-15: A300 or Ue = 240 V, Ie = 3 A --- DC-13: Q300 or Ue = 250 V, Ie = 0.27 A conforming to EN/IEC 60947-5-1 Appendix A
Thermal current (Ithe)	A	10
Rated insulation voltage (Ui)	XEN C●●●●, XEN D3●●●, XEN D4●●●, XES B2011, XAC S4, XES D1181, XES D1281	V 500, degree of pollution 3, conforming to IEC 60947-1
	XEN B●●●●, XEN D1●●●, XEN D2●●●	V 400, degree of pollution 3, conforming to IEC 60947-1
Rated impulse withstand voltage (U imp)	kV	6, conforming to IEC 60947-1
Positive operation		Mushroom head pushbutton: N/C contact with positive opening operation conforming to EN/IEC 60947-5-1 Appendix K
Contact operation		Slow break or snap action
Resistance across terminals	MΩ	≤ 25
Operating force	With booted operator	N XAC S4●●●: 10 (N/O), 8 (N/C); XEN C●●●●: 6 (N/O), 4 (N/C); XEN B●●●●, XEN D1●●●, XEN D2●●●: Single-speed: 9; 2-speed: 20 (1 <sup>st</sup> speed), 30 (2 <sup>nd</sup> speed); XEN D3●●●, XEN D4●●●: 25; XES B2011: 7; XES D1181, XES D128: 15 (1 <sup>st</sup> speed), 25 (2 <sup>nd</sup> speed)
	With spring return mushroom head operator	N 10
	With latching mushroom head operator	N 40
Terminal referencing		By numbers conforming to CENELEC EN 50013
Short-circuit protection		10 A cartridge fuse type gG (gl)
Connection	mm <sup>2</sup>	Screw and captive cable clamp terminals. Clamping capacity: 1 x 2.5 or 2 x 1.5 with or without cable end

### Operational power

conforming to EN/IEC 60947-5-1 Appendix C  
Utilisation categories AC-15 and DC-13

For 1 million operating cycles

Operating rate: 3600 operating cycles/hour

Load factor: 0.5

~ Inductive circuit

### Contact blocks XEN C●●●●, XEN D3●●●, XEN D4●●●, XAC S4●●●

a.c. supply ~ 50/60 Hz

Voltage	V	24	48	127	230
~mm	VA	140	385	525	455

d.c. supply ---

Voltage	V	24	48	120
~mm	W	60	45	42

### Contact blocks XEN B●●●●, XEN D1●●●, XEN D2●●●

a.c. supply ~ 50/60 Hz

Voltage	V	24	48	127	230
~mm	VA	140	210	640	680

d.c. supply ---

Voltage	V	24	48	120
~mm	W	48	31	35

### Contact blocks XES B2011, XES D1181, XES D1281

a.c. supply ~ 50/60 Hz

Voltage	V	24	48	127	230
~mm	VA	50	100	450	750

d.c. supply ---

Voltage	V	24	48	120
~mm	W	140	140	95