

# Pendant control stations

Double insulated, type XAC F  
For control circuits

(XAC F: Products for maintenance purposes only)

Environment			
Conformity to standards			IEC 947-5-1, EN 60947-5-1
Protective treatment	Standard version		"TH"
Ambient air temperature	For storage	°C	- 40...+ 70
	For operation	°C	- 25...+ 70
Vibration resistance			15 gn (10...500 Hz) conforming to IEC 68-2-6
Shock resistance			100 gn conforming to IEC 68-2-27
Electric shock protection			Class II conforming to IEC 536 and NF C 20-030
Degree of protection			IP 65 conforming to IEC 529; IK 08 conforming to EN 50102
Mechanical durability (in millions of operating cycles)			1
Enclosure			Double insulated glass-reinforced polyester (yellow)
Cable entry			Rubber sleeve with stepped entry diameter for cable 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 IEC 947-5-1 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
	XEN B●●●●, XEN D1●●●, XEN D2●●●	V	400, degree of pollution 3, conforming to IEC 947-1
Rated impulse withstand voltage (U imp)		kV	6, conforming to IEC 947-1
Positive operation			Mushroom head pushbutton: N/C contact with positive opening operation conforming to IEC 947-5-1 Section 3
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

**Rated operational power**  
Conforming to IEC 947-5-1 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					d.c. supply ---					
Voltage	V	24	48	127	230	Voltage	V	24	48	120
mm	VA	140	385	525	455	mm	W	60	45	42

Contact blocks XEN B●●●●, XEN D1●●●, XEN D2●●●										
a.c. supply ~ 50/60 Hz					d.c. supply ---					
Voltage	V	24	48	127	230	Voltage	V	24	48	120
mm	VA	140	210	640	680	mm	W	48	31	35

Contact blocks XES B2011, XES D1181, XES D1281										
a.c. supply ~ 50/60 Hz					d.c. supply ---					
Voltage	V	24	48	127	230	Voltage	V	24	48	120
mm	VA	50	100	450	750	mm	W	140	140	95

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Empty enclosures

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DF56580



XAC F0000

## Empty enclosures (1)

Description		Protective cable sleeve	Reference	Weight kg
Enclosures without cut-outs	Without guard rails	Ø 10...22 mm	XAC F0010	2.100
		Ø 22...35 mm	XAC F0050	2.300
	With guard rails	Ø 10...22 mm	XAC F0011	2.300
		Ø 22...35 mm	XAC F0051	2.500
Enclosures with cut-outs in positions requested on the order form, see page 30077/ 7	Without guard rails	Ø 10...22 mm	XAC F3210	2.100
		Ø 22...35 mm	XAC F3250	2.300
	With guard rails	Ø 10...22 mm	XAC F3211	2.300
		Ø 22...35 mm	XAC F3251	2.500

DF56581



XAC F0001

## Variable composition stations, factory assembled

Use the order form on page 30077/7 to define the required configuration

**Equipment:** separate components as for control circuit pendant stations XAC B and XAC M.  
Units XB2 B can be mounted using a stiffening plate, please consult us.

See separate components,  
pages 30076/10 to 30076/22

(1) Enclosure comprising:

- the enclosure,
- protective cable sleeve for cable Ø 10...22 mm or Ø 22...35 mm,
- cable tie (for tightening sleeve onto cable),
- internal cable clamp.

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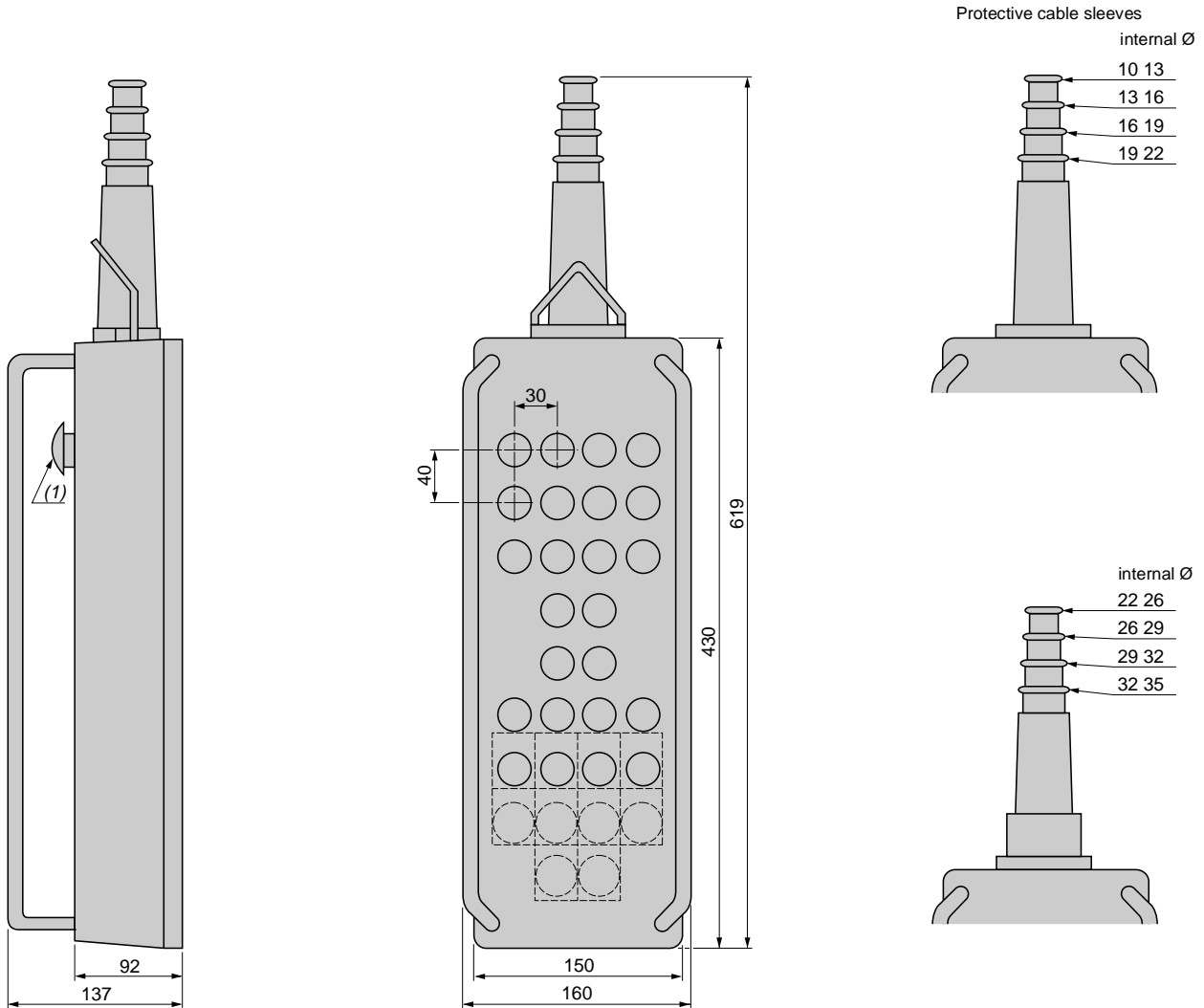
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## Pendant control stations

XAC F●●●1 (30 operators maximum, front mounting)



(1) With mushroom head operator.

## Protective guards

XAC B982

XAC B983



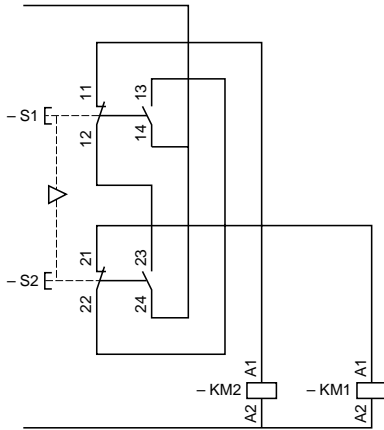
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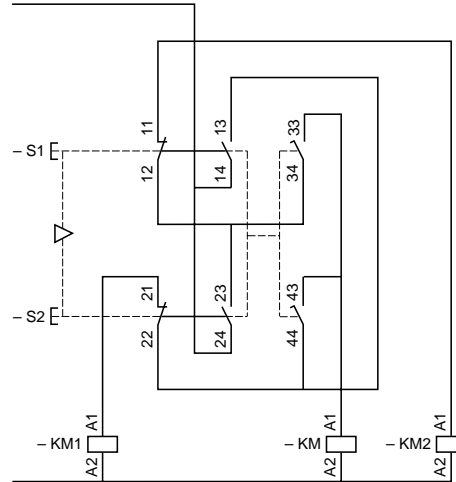
## For control of single-speed reversing motor

Contact block XES D1181



## For control of 2-speed reversing motor

Contact block XES D1281



KM: high speed contactor

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