



Flame proof enclosure holding electromagnet

ATEX



Group IIC - Température class T6



Use in explosive atmosphere.
According to:

- 94/9/CE "ATEX" directive
- EN 60079-0
- EN 60079-1

Marking : CE0081  II 2 G

Ex d II C T6 Gb

CE Type examination certificate:
LCIE 03 ATEX 6409 X

Quality certificate: LCIE 04 ATEX Q8003

Operation

Holding: A keeper plate, set on the mobile part of the device, is magnetically attracted by the electromagnet set on the fix part of the device.

Release:

- remote control
 - switching off supply on power off release models
 - energizing the coil of the electromagnet on power on models (cancel the attraction due to the magnet set in the keeper plate)
- manually
 - applying a greater force than holding force

Resetting: pulling back the mobile part on the electromagnet

Practical purposes

fire security : fire doors holding, smoke vents holding, ventilation shutters holding
Industry : devices holding or locking

General characteristics

Ambient temperature: -5°C to $+40^{\circ}\text{C}$

Total weight : 2.2 Kg

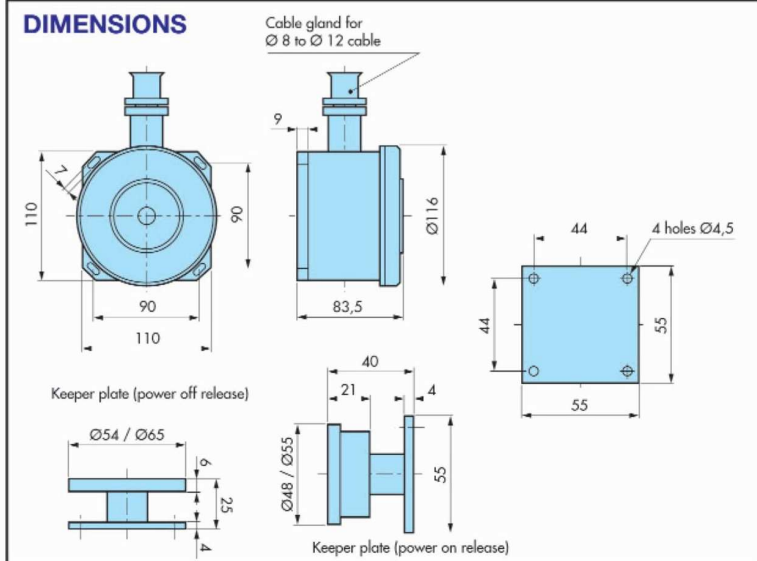
Protection rating : IP54

Temperature rating : B (130°C)

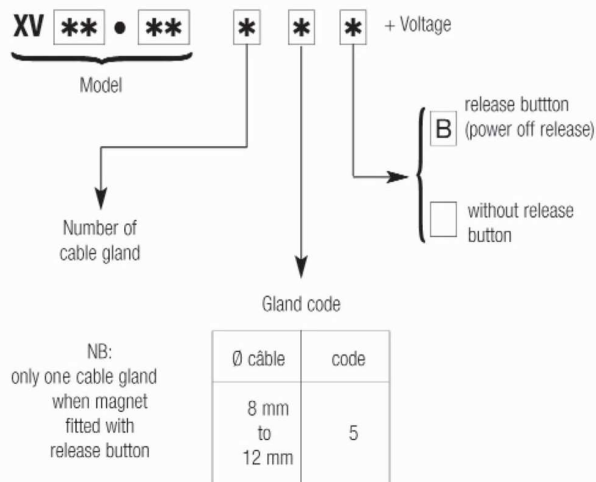
N.B. : inadequate for dust atmosphere (D) . Shouldn't be installed in corrosive atmosphere

Part number	Power off release			Power on release	
	XV.12.2515	XV.18.2515	XV.20.3515	XV.12.2715	XV.18.2715
Holding force at 40°C					
Under 0 V	$\leq 2 \text{ daN}$	$\leq 5 \text{ daN}$	$\leq 8 \text{ daN}$	$\geq 20 \text{ daN}$	$\geq 50 \text{ daN}$
Under 0,9 Un	$\geq 20 \text{ daN}$	$\geq 50 \text{ daN}$	$\geq 80 \text{ daN}$	$\leq 2 \text{ daN}$	$\leq 5 \text{ daN}$
Nominal power at 20°C	1,6 W	1,6 W	1,6 W	3 W	4,5 W
Standard voltage Un ($\pm 10\%$)	24 Vdc & 48 Vdc			24 Vdc & 48 Vdc	
Other voltage (on demand)	12 Vdc to 230 Vdc		12 Vac to 240 Vac	12 Vdc to 230 Vdc 12 Vac to 240 Vac	
Keeper plate part number	9-12-30-25	9-12-30-25	9-20-30-25	9-12-40-27	9-18-40-27

DIMENSIONS



Codification



Important: for all orders, please specify: part number & voltage.