



Sinorix™ Engineered Fire Suppression Systems

Electronic Releasing Solenoid

Models: CPYEC-6/6-EXP / CPYEC-12/12-EXP / CPYEC-24/24-EXP and CPYEC-24-15W / CPYEC-120

ARCHITECT AND ENGINEER SPECIFICATIONS

- Available in 6, 12, 24, and 120-volt versions
- Factory Installed
-  UL Listed &  ULC Listed
CSFM, FM & NYMEA Approved




Description

The Electronic Releasing Solenoids are specially designed for the controlled release of Sinorix™ Agent from Siemens Building Technologies – Fire Safety fire-suppression systems. The solenoid valve is normally closed and shall only open when electrically energized. This action relieves the pressure above the cylinder valve piston and causes the cylinder valve to open.


Solenoid valves are available with 6 VDC, 12 VDC, 24 VDC and 120 VAC coils, explosion proof housings are available. The units are tested by UL and FM to UL standard 1058 and 2166 for Sinorix™ suppression systems.

Connection of the solenoid valve to the cylinder valve is conveniently made with N.P.T. fitting. The solenoid is furnished with 18" pigtails.

Electronic-Releasing Solenoid

The Sinorix™ cylinder shall be fitted with an electronic-releasing solenoid valve; capable of actuating the cylinder valve. The solenoid housing shall meet all requirements of the  UL standard 1058, including corrosion resistance.

The solenoid coil shall be removable for the purpose of servicing the filled cylinder. Extended leads shall be supplied on the solenoid for connection to a user supplied junction box.

The electronic-releasing solenoid valve actuator shall be listed by  Underwriters Laboratories and approved by Factory Mutual for use in Sinorix™ fire-suppression systems.

Electrical Information

Available Coils: 6 VDC, 12 VDC, 24 VDC, 120 VDC
 Coil Duty: Continuous
 Coil Class: F.T.
 Housing: NEMA 4, 7 & 9
 Power: 24 VDC / .32 Amp
 Consumption: 6 VDC / 1.52 Amp
 12 VDC / .385 Amp
 120 VAC / .16 Amp
 24VDC(1200lb. Cylinder)/.625 Amp
 12VDC (1200lb. Cylinder)/1.25 Amp

Ordering Information

Model Number	Part Number	Description
CPYEC-6	500-697911BG	6 VDC / 1.52 Amp
CPYEC-6-EXP	500-697915BG	6 VDC / 1.52 Amp Explosion Proof
CPYEC-12	500-697912BG	12 VDC / .385 Amp
CPYEC-12-EXP	500-697916BG	12 VDC / .385 Amp Explosion Proof
CPYEC-24	500-697913BG	24 VDC / .32 Amp
CPYEC-24-EXP	500-697917BG	24 VDC / .32 Amp Explosion Proof
CPYEC-120	500-697914BG	120 VDC / .16 Amp
CPYEC-24-15W	500-649671BG	12 VDC / 1.25 Amp

Electronic-Releasing Solenoid

CPYEC-6 — 6 VDC / 1.52 Amp
 CPYEC-6-EXP — 6 VDC / 1.52 Amp Explosion Proof
 CPYEC-12 — 12 VDC / .385 Amp
 CPYEC-12-EXP — 12 VDC / .385 Amp Explosion Proof
 CPYEC-12-15W — 12VDC / 1.25 Amps (1200lbs. agent cylinder only)
 CPYEC-24 — 24 VDC / .32 Amp
 CPYEC-24-EXP — 24 VDC / .32 Amp Explosion Proof
 CPYEC-24-15W — 24VDC / .625 Amps (1200lbs. agent cylinder only)
 CPYEC-120 — 120 VAC / .16 Amp
(Explosion-proof Solenoids are UL listed only.)

Optional Test Dowel



CPY-TD

Notice: This marketing catalog sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.