

Press Release

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CFM-PC Hinges with integrated electric cable

CFM-PC hinge in UL-94 V0 self-extinguishing technopolymer, integrates the mechanical function of a standard hinge with the possibility to transmit electrical current from a jamb to the attached door. The UL-94 V0 certification confirms that the material, when subjected to a vertical burn test, extinguishes within 10 seconds without producing flaming drips. This ensures a **high level of safety** in case of accidental exposure to heat sources or open flames - an essential requirement for applications in industrial environments, laboratories, or portable equipment where protection against fire hazards is critical.

Features and applications

- It eliminates the presence of visible and unaesthetic cables or cable-gland "bridges".
- It protects cables during door or structure movement, ensuring they do not get damaged or caught on any obstacles.
- The compact size, various mounting and cable output options make this product easy to install.
- The 8-pin cable allows the user to interface with various devices such as light points, electric locks, and any handles with electrical switch.
- The CFM-PC hinge can be combined with one or more complementary hinges CFM-PCN or handles with electrical switch EBR-SWM, EBR-SWB and M.2000-SWM. In case of horizontal door opening or of a limited weight it is possible to use one hinge only.
- Complementary hinge available in SUPER-technopolymer (CFM-PCN) and in self-extinguishing certified technopolymer (CFM-PCN-AE-V0).

Standard executions available in two versions:

- -SH: with pass-through holes for countersunk head screws.
- -B: with nickel-plated brass bushings and threaded hole.



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EBR-SWM handle with monostable electrical switch or EBR-SWB handle with bistable electrical switch



M.2000-SWM handle with monostable switch and LED indicator light

Press Box

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