

F400 wall mounting socket-outlet - Fire department Box

Smoke accelerators - Security recess

400 °C - 2 Heures / NF EN 12101-3

F400 Wall mounting socket-outlet

Characteristics

Marechal F400 socket-outlet provides power to smoke accelerators simplifying maintenance while resisting the conditions of standard NF EN 12101-3. It is also a device for disconnecting power (cf. Articles 5.3 and 5.4 of the NF EN 60204-1 standard - Machine Safety - Electrical equipment of machines - Part 1 : general rules).

Mounted on aluminium boxes, the 3P+E 63A / 690V connector withstands 400 °C for 2 hours.

The main cable, after cutting and stripping, feeds through cable glands and is wired on steel terminals mounted on a fire rated ceramic base. The box lid is fixed to the box by means of captive stainless steel screws.



■ Terminals :	3 terminals usually mounted on a steel base fire.
■ Cables accepted:	Armoured and unarmoured cables, stranded or flexible, 95 mm ² box side via terminals and 35 mm ² plug side.
■ Internal and external earth point:	Inside and outside the enclosure
■ Breaking capacity:	AC-22 according to NF EN 60947-3
■ Ingress Protection:	IP66 according to NF EN 60529
■ Shock resistance:	IK09 according to NF EN 50102
■ Fire resistance:	Electrical continuity of the main cable guaranteed to 400°C for 2 hours as the test program 5 of NF EN 12101-3 standard.
■ CSTB test certificat:	RS05-026
■ Part Nr:	3934013Z + 3938013Z
■ H x L x P in mm :	264 x 260 x 345

Modularity box – Options – Other equipment

- Auxiliary contacts

Other options are possible on demand after suitable investigation and tests. Please ask.

Rapid Response Relief

Aluminium box

Characteristics

Especially developed in collaboration with emergency services who specialise in tunnel rescue, this box is installed in a security recess.

Completely made of aluminium, this box is composed of a back box, an inclined cover with an inspection window.

The power of this kit is carried by cables 5G16 mm² max.

The box lid is fixed to the box by means of captive stainless steel screws.



■ Distribution:	One or two Marechal decontactor (DS or DN) can be fit on the inclined cover.
■ Service protection:	Differential circuit breaker 30 mA.
■ Internal and external earth point:	Inside and outside the enclosure
■ Ingress Protection:	IP55 according to NF EN 60529
■ Shock resistance:	IK09 according to NF EN 50102
■ Part Nr:	91227
■ H x L x P in mm :	345 x 280 x 125