FIERRE - Fire Fighting Equipment

Atex monitor control panel FI-QCM-Exd

Description

The FI-QCM-Exd control panel is designed for installation in hazardous areas to control one or more fire monitors and their associated isolation valves. The panel is ATEX-certified, marked Ex d [ia] IIB+H_2 T6 Gb / Ex tb IIIC T85°C Db, with an IP66 rating, and is suitable for installation in Zones 1, 2, 21 and 22.

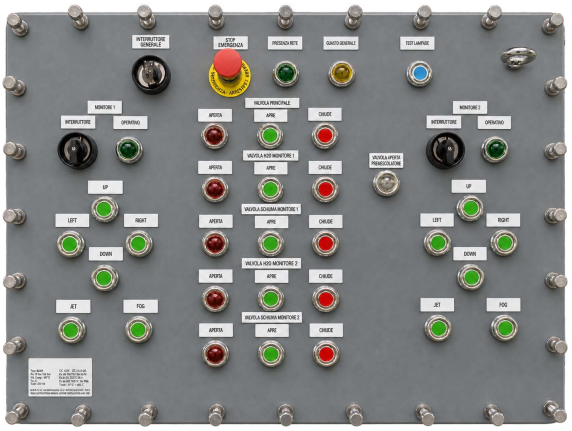
Featuring a cast aluminium enclosure, with stainless steel available on request, it can be supplied in an electromechanical version (model FI-QCM-Exd) or an automated version (model FI-QCM-Exd-A), equipped with a PLC and integrated software.

The panel is available with an integrated power section for direct control of up to 2 monitors, or as a remote control panel when the power section is housed in separate panels located throughout the installation.

Power supply options are 230 V single-phase or 400 V three-phase.

Configurations

Model	No. of monitors	Controls
FI-QCM-Exd	1-2	4 pushbuttons per monitor 2 pushbuttons per nozzle 2 pushbuttons per valve On/off selector switch Emergency stop mushroom pushbutton Indicator lights on request
FI-QCM-Exd-A	1-2	4 pushbuttons per monitor 2 pushbuttons per nozzle 2 pushbuttons per valve Scenario activation pushbuttons (if fitted) On/off selector switch Emergency stop mushroom pushbutton Indicator lights on request



Technical characteristics	
Material	Cast aluminium (stainless steel on request)
Power supply	230V - 1PH or 400V - 3PH
Installation	Hazardous area – Zones 1, 2, 21 and 22
Marking	Ex d [ia] IIB+H_2 T6 Gb / Ex tb IIIC T85°C Db. IP 66 rating
Version	Electromechanical (FI-QCM-Exd) Automated (FI-QCM-Exd-A)
Finishing	RAL 7000 manufacturer standard. Paint systems for corrosive environments available on request.

Approvals

CE-marked control panel in accordance with Directives 2014/35/EU and 2014/30/EU, compliant with CEI EN IEC 61439-1 and CEI EN IEC 61439-2.

ATEX control panel marked Ex d [ia] IIB+H_2 T6 Gb / Ex tb IIIC T85°C Db, with an IP66 rating, suitable for installation in Zones 1, 2, 21 and 22.

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