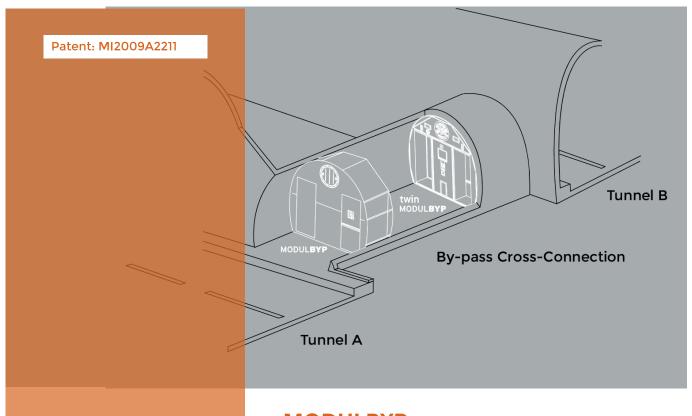




MODULBYP

Creating a protected safety zone and escape corridor for tunnel by-passes

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The MODULBYP is characterised by its high level of safety

MODULBYP allows the standardisation of escape routes and temporary shelters in tunnel by-passes.

The main regulations and directives for tunnel safety at national and European level require the presence of pedestrian



Outer view of the tunnel-side of the MODULBYP wall, built from an isolating panel that guarantees REI120 rated fire protection. It consists of two pedestrian doors and axial ventilation with a fireresistant valve.





Interior view of MODULBYP wall, characterised by the presence of a space for housing electrical apparatus that also serves as an SOS column. It is equipped with lighting, ventilation, fireresistant closure, Ethernet switch, PLC unit, installation for exterior communication, fire detection centre and extinguisher.

MODULBYP: Maxisimising tunnel conectivity and safety

The MODULBYP makes it possible to support the area buffer while guaranteeing the equipment required for the safety, maintenance and communication of shelters with simple connections to the electricity supply grid and data network.

Technical features

- Built under the guidelines established by Spanish Royal Decree 635/2006.
- Modular construction with prefabricated structure that allows for precision assembly in by-pass tube.
- REI120 rated fire protection.
- Double pedestrian door with opening contact.
- Ventilation system that guarantees the correct pressurisation of the by-pass.
- Pre-installed safety and communications systems, in addition to an autonomous redundant power supply that guarantees the correct operation of the module at all times.
- Electrical power supply with direct connection to outer substations.
- Interface for connection to the data network.



Ventilation and fire-resistant closure



Presence sensor



Smoke detector



Lighting, loudspeaker and retroreflectors



Fire fighting control system



LCD touch screen and video camera



SOS panel buttons



Incident communication



Response centre



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Our international outreach has led us to establish a stable presence beyond our borders. We have opened our own offices in places as wide-ranging and remote as Australia, Canada, Chile, China, Colombia, France, India, Italy, Kazakhstan, Mexico, Netherlands, Peru, Russia, South Africa, Turkey, UK, Ukraine and USA, operating and maintaining the same capacity and quality of our products and services, an efficient, real-time service delivered through exclusive distributors. For more information, contact our headquarters.



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