

ABSTRACT

The invention consists of a fire protection arrangement for low-voltage or medium-voltage instrumentation cables, which is disposed over a cable core, comprising a first layer of
5 an extruded ceramifiable thermoplastic compound over the core of the cable, a second layer that acts as a fire barrier disposed over the first layer retaining same on the core of the cable and adapted to allow the expansion of the ceramifiable compound, and a third extruded plastic solid layer over the second layer that acts as fire barrier without actively protecting against fire
10 generated by hydrocarbons. The invention allows the cable to be used safely in fixed installations located in areas where the resistance to fire generated by hydrocarbons is vital.