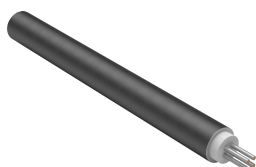


System 2200 MI Wiring Alloy 825 Cable



nVent PYROTENAX System 2200 mineral insulated (MI) wiring cable is a range of MI wiring cable, with an Alloy 825 sheath and solid nickel conductors (600 V). It has a continuous exposure temperature of 1238 °F/670 °C and can withstand rapid-rise temperature excursions to 2200 °F/1200 °C. The inorganic cable construction provides superior fire resistance under conditions of both high heat flux and high temperature. Common applications include control/signal/instrumentation of motor operated valves during fire exposure ensuring that valves can be safely controlled and closed when required. It is typically supplied as a factory-assembled wiring unit complete with terminations at each end.

CARATTERISTICHE

Simple and fast to install: typically supplied as a factory-assembled Duoterm unit complete with terminations at each end, allowing for immediate installation in the field

Ideal for hazardous areas: the simplified installation of MI cable means that conduit systems and explosion-proof seals are not required, just connect the cable directly to the equipment or junction box

Increased safety: made of inorganic materials, it provides zero smoke generation, zero fuel contribution and zero flame spread; highly compacted magnesium oxide (MgO) insulation prevents the flow and transmission of explosive gases through the wiring cables

Fully tested and compliant: using the UL2196 electrical test procedure it maintains electrical circuit integrity for 2 hours during exposure to the UL 1709 fire test. The UL 1709 test, referenced in API 2218, replicates an intense hydrocarbon fire, reaching 1093 °C / 2000 °F in 5 minutes when subjected to a heat flux of 65,000 BTU/ft² hr (200 kW/m²) in an enclosed furnace

Reliable during long life: 30 year product warranty available

SPECIFICHE

Voltage Rating:	600 V
Max Operating Temperature:	670 °C
Max Exposure Temperature:	1200 °C
Sheath Material:	Alloy 825
Flame Retardant:	In Accordance with EN 60332-3-24
Materiale isolante:	Magnesium Oxide
Struttura:	Mineral Insulated Cable
Materiale conduttore:	Nickel

Table 1/1

Numero catalogo	Core Quantity	Current Rating @ 75°C	Current Rating @ 90°C	Diametro esterno	Conductor Cross-Section
449/2NI4/825	2	22 A	25 A	11.4 mm	4 mm ²
496/2NI6/825	2	25 A	29 A	12.6 mm	6 mm ²
496/3NI4/825	3	18 A	21 A	12.6 mm	4 mm ²
527/4NI4/825	4	18 A	21 A	13.4 mm	4 mm ²
527/3NI6/825	3	22 A	25 A	13.4 mm	6 mm ²
590/3NI9/825	3	26 A	30 A	15 mm	9 mm ²
590/4NI6/825	4	22 A	26 A	15 mm	6 mm ²
590/7NI3/825	7	15 A	18 A	15 mm	3 mm ²
637/4NI9/825	4	27 A	31 A	16.2 mm	8 mm ²
637/7NI4/825	7	18 A	21 A	16.2 mm	4 mm ²
684/7NI6/825	7	22 A	25 A	17.4 mm	6 mm ²

AVVERTENZA

AVVERTENZA: i prodotti nVent devono essere installati e usati solo secondo le indicazioni riportate nei fogli delle istruzioni del prodotto nVent e nei materiali di formazione. I fogli di istruzioni sono disponibili sul sito www.nvent.com e presso il vostro rappresentante locale dell'assistenza clienti di nVent. Un'installazione scorretta, l'uso improprio, l'applicazione errata o altre inosservanze delle istruzioni e delle avvertenze di nVent possono causare un malfunzionamento del prodotto, danni alle proprietà, lesioni corporee gravi e morte e/o l'annullamento della garanzia.

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