



Fire Conditions Circuit Integrity Test Equipment for Cables (Fire Alone/Mechanical Shock/Water Spray)

Fire Alone: IEC EN 60331-21 BS 6387 Cat C Fire With Mechanical Shock and Water Spray: IEC EN 60331-11, EN 50200, BS 6387 Cat Z Fire With Water: BS 6387 Cat W

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SKU: 30102

Price:

Stock: instock

Categories: [Fire Resistance](#)

Product Description

MATEŞ ELEKTRONİK Circuit Integrity Test Controller - One control unit can be purchased control each test frame one by one, or if the test is to be done on all test frames at the same time, one controller can be connected to each test frame. - Controller providing burner control (auto-ignition), energetic load activation, impact⁽¹⁾ timing, water spraying⁽²⁾ and temperature measurement functions - Industrial Panel PC and MATEŞ software that provides fully automatic control of the whole test process - Quick connections for practical test frame change - Software-controlled burner ignition and automatic gas shut-off for safety - Mass flow control devices that provide Air 80L/min and Propane 5L/min flow rates required in EN 50200 and IEC 60332-11 - Mass flow control devices that provide Air 160L/min and Propane 10L/min flow rates required in EN 50362 - 2 K type thermocouples and connections for temperature measurement experiments required in EN 50200, EN 50362 and IEC 60332-11 - Load 100V, 300V, 450V, 600V sample gradually at 0.25 A. Load applications are not hand controlled by variac. The desired stage is selected and applied electronically through software. - Fuses Defined in Standards - Fully automatic Start / Stop, flow⁽¹⁾, impact, water spray⁽²⁾ and load. (1) When only IEC EN 60331-11 / EN 50200 / BS 6387 Cat Z Test Unit is purchased (2) Only when 'Annex E Water Spray Feature' is offered in conjunction with the IEC EN 60331-11 / EN 50200 / BS 6387 Cat Z Test Unit

MATEŞ ELEKTRONİK Circuit Integrity Test Frame Fire and Mechanical Shock - Burner and Venturi - Thermocouple connections for burner verification (and automatic verification software) - Test Sample mounting clamps - Sliding bonding wall in Figures 6 and 8 for EN 50362 - Rubber bushings for the anchoring wall with the properties specified in the standards - 2 test walls with properties specified in standards - Table and accessories AISI 304 stainless steel - Hood mounted on top of the frame - Automatic impact test with the engine - Burner positioning table - Water spray system (optional) - Collection pool (optional)

MATEŞ ELEKTRONİK Circuit Integrity Test Frame Fire Only - Burner and Venturi - Table and accessories AISI 304 stainless steel - Hood mounted on top of the frame - Thermocouple connections for burner verification (and automatic verification software) - Inner diameter 150 mm 6 pieces of steel rods and tie rods for sample connection - Burner positioning table

MATEŞ ELEKTRONİK BS 6387 CAT W Circuit Integrity Test Frame Fire and Water - Burner and Venturi - Table and accessories AISI 304 stainless steel - Water spray system - Collection pool
