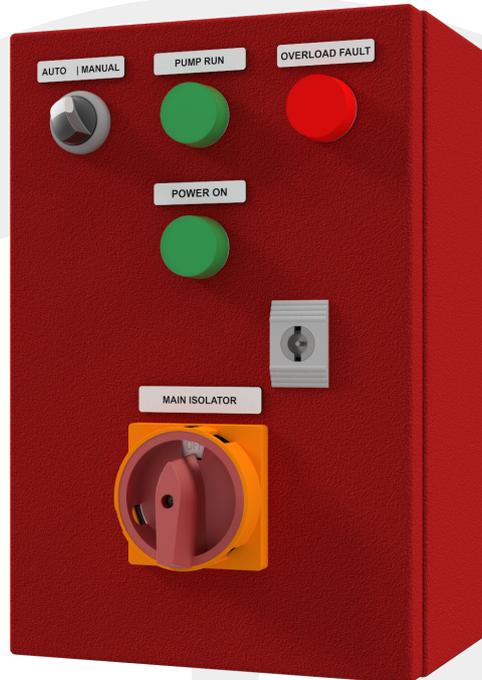# FIRE PUMP CONTROLLERS

FIRE HOSE REEL

MATelec Australia's Fire Hose Reel Pump Controller is designed to provide control and status indication for a fire hose reel pump, compliant with the current Australian Standards **(AS 2941-2013: Section 6).** Housed in a red powder coated metal enclosure, the Controller features pump overload protection, auto/manual pump control and status indicator lights.

HARDWARE FEATURES

Enclosures:
• IP54 rated, powder coated mild steel enclosure with removable gland plate

Protection:
• Mains power isolator switch (pad-lockable in on position)
• Circuit breaker protected low voltage control and input circuitry
• Contactor and thermal overload protection of pump
• Din rail mounted terminal connections

Control & interface:
• Auto/manual selector switch with spring return to auto
• Indicator lights for power on, pump run and overload fault

Inputs:
• Single phase (230Vac) or three phase (400Vac) power supply
• Digital 24Vdc input for pressure switch

Outputs:
• Pump supply output

FUNCTION FEATURES

• Provides status indication and control for a fire hose reel pump, compliant with the current Australian Standards **(AS 2941-2013: Section 6)**
• Automatic control via pressure switch input
• Manual operation of pump while switch is held in manual position

FAULT PROTECTION

• Pump overload protection shuts down pump on overload

OVERLOAD RATING GUIDE

Code Suffix	Amp Rating
-AA	1.6 - 2.5 Amp
-A	2.5 - 4 Amp
-B	4 - 6 Amp
-BB	5.5 - 8 Amp
-C	7 - 10 Amp
-D	9 - 13 Amp
-E	12 - 18 Amp

FIRE PUMP CONTROLLERS - FIRE HOSE REEL

Code	Phase / Voltage	Overload Rating Options	Enclosure Size
FPC-71011	1 Phase / 230Vac	-AA to -E	300x200x150mm
FPC-71013	3 Phase / 400Vac	-AA to -E	300x200x150mm

Additional overload ratings available on request