

JOCKEY FIRE PUMP CONTROLLER

SKU: FCA-JP-240-MK2 & FCA-JP-415V-MK2

Built for Protection. Engineered for Compliance. Trusted When It Matters.

The Guardian MK2 Jockey Fire Pump Controller is purpose-designed for electrically driven jockey pumps, delivering dependable automatic pressure maintenance for critical fire protection systems. Engineered for reliability and straightforward operation, the controller is manufactured in compliance with **AS 2941:2013** and **AS/NZS 3000:2018**.

The MK2 design incorporates a simplified Direct-On-Line (DOL) control architecture with **extra-low voltage (ELV) relay logic**, minimising failure modes while maintaining robust, safety-focused operation. Designed specifically for continuous jockey pump duty, the platform prioritises reliability, ease of maintenance, and long-term serviceability.



SPECIFICATIONS

MECHANICAL

- IP65-rated 2 mm galvanised steel enclosure, powder-coated RAL3020 (Traffic Red)
- Dimensions – 290W × 415H × 165D mm

ELECTRICAL

- Required incoming supply –
 - 240 VAC, 16 A, 1P+N+E
 - 415 VAC, 10 A, 3P+N+E
- Maximum standby current – 0.1 A @ 240 VAC
- Two 10 A RCBOs for external lighting and auxiliary power circuits, separate from jockey pump control and motor protection
- 4 × volt-free outputs as standard – Power On, Pump Run, Pump Fault, Pump Manual

POWER & MOTOR CONTROL

- Direct-On-Line (DOL) motor starting with ELV relay-based control architecture engineered for reduced complexity and dependable operation
- Premium LSIS motor control switchgear selected for electrical endurance, fault tolerance, and suitability for jockey pump duty applications
- Mechanical interlocked main isolator provided for enhanced operational safety and prevention of unintended exposure to live components

CONTROL & INDICATION FEATURES

- Physical spring-return selector switch for Auto / Manual control
- LED status indication – Power On, Pump Run, Pump Fault
- Digital pump run counter for operational monitoring
- Control and indication designed in accordance with AS 2941:2013 requirements for jockey pump systems