SPECIALIZED SECURITY PRODUCTS

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TRIMEC-ES8100



TRIMEC V-LOCK 12-24VDC PTO/PTL MONITORED

FEATURES

Trimec 118001-010 replacement

- Unlocks under a pre-load of up to 100kg in 3-wire mode, 15kg in 2-wire mode
- Locks under a pre-load of 20kg (12W) and 35kg (24W)
- 1000kg holding force
- IP53 rated for external door applications
- Door position and lock status monitoring
- On-board visual lock status indication and diagnostics LED
- Easy, one-step, fail safe (PTL) and fail secure (PTO) field selection
- Timber doors - FD30 & FD60 - PTO mode only

Please note when used with timber fire doors, interden fire pack is required:

- FD30 Timber fire door 1mm interden pack available - Part number: ES8100-IK-FD30.
- FD60 Timber fire door 2mm interden pack available - Part number: ES8100-IK-FD60.

TECHNICAL INFORMATION

- Allows for door misalignment of up to 12mm total (+/-6mm)
- Operating voltage: 11.4 -26Vdc
- Durability tested to 500,000 cycles (120N unlocking, 50N locking)
- Voltage: 11.4 - 26Vdc
- Peak current: 1000mA
- Idle current: 35mA @ 12Vdc with LED activated
- Unlocking pre-load: Side load rated: Motorised unlocking - 100kg max at the bolt
- Strength: 1000kg Maximum
- Lock status monitoring: NO/NC
- Door position monitoring: NC
- Unlocking time: 1 second under preload, Locking time: 3 seconds
- Operating temperature: -10 to +60 degrees celcius
- Endurance: 500,000 operations (120N unlocking, 50N locking)
- Body dimensions: 210 (L) x 24 (W) x 42 (D) mm
- Faceplate dimensions: 256 (L) x 30(W) mm
- Strike plate dimensions: 256 (L) x 30 (W) mm
- Construction: Stainless steel lock body, face plate and strike plate