

PRODUCT VE1260

HIGH SECURITY MOTORISED DROP BOLT WITH PRE-LOAD CAPABILITY **EcoLock™**



PRODUCT DESCRIPTION

The patented EcoLock VE1260 is a high torque motor driven Drop Bolt with up to 35kg pre-load/side load tolerance. It can be installed vertically in the door frame (lock style) or horizontally in the frame header and has a symmetric dead-bolt mechanism to allow to be used on 180° degree swing through doors.

The VE1260 is considered a "Green Product" as it consumes an inrush current of 290mA@12VDC **only** during locking and unlocking action (Active Mode), then in the locked or unlocked state (Sleep-Mode), the Drop Bolt consumes current less than 15mA@12VDC.

A series of additional Strike Plates allow for door misalignment of up to ±12mm and a retrofit version of the FSH Eco Lock is available to suit the PADDE/TRIMEC ES8000 drop bolt footprint.

An optional LED red/green indicator unit is available.

VE1260

TECHNICAL DETAILS

PART NO.	VE1260
FUNCTION	Mortice Mount, power-to-lock/power-to-release field interchangeable, up to 35kg of Pre-Load capability, unlocking and up to 6.5kg locking
HOLDING STRENGTH	Up to 1000kg
VOLTAGE/CURRENT	Multi Voltage 12-30VDC Active Mode: Locking/Unlocking cycle current is 0.29A to 0.85A depending on the side load. More side load = more current. See preload vs. current graph. Sleep-Mode: After locking/unlocking the current drops down to ~0.015A (15mA)
APPROVALS	CE C-Tick Fire rated in accordance with AS1905.1.2005 Part 1 to up to 4 hours on fire door assemblies
MONITORING	Lock Status Sensor of the internal locking mechanism Door Status Sensor Built-in Reed Switch, monitoring the door position
ENVIRONMENTAL	Operational Temperature Range -20° to +60°C
DURABILITY	Exceeding Australian Standard AS4145.2-2008 400,000 operating cycles • Durability D7
STRENGTH	Meeting Australian Standard AS4145.2-2008 • Static Strength S8 • Impact Strength S8
MAXIMUM DOOR GAP	8mm
DOOR MISALIGNMENT	Standard Strike Plate ± 4mm Special Strike Plate up to ± 12mm

PRODUCT FEATURES

- Releases with up to 35kg of Pre-Load/Side Load
- Motorised locking device
- Durability tested to 400,000 cycles
- Multi voltage from 12 to 30VDC
- Sleep-Mode Current less than 15mA@12VDC
- Fully monitored including Reed Switch for door position
- Up to 1000kg Holding Strength
- 5 year warranty
- Retrofit version for Trimec/PADDE ES8000 (VE1260S Square Edge Version)