

Not Just A Magnetic Lock



VX2400/VX2400LP



AMSP2400



With reduced physical size and current consumption but with substantially stronger holding force the Vortex range of electro mechanical locks offer a new dimension in the restriction of movement and security of property.

Suitable for most applications where a standard or mortised magnetic lock can be fitted, the VORTEX lock range use 75% less raw material than a standard magnetic lock.

The VORTEX has a holding force 400% (x5) higher than a standard magnetic lock and requires 50% less current to achieve the 15,000N (Approx 1500kg/3300lbs) holding force.

As a result of the VORTEX'S reduced size the unit is better suited for door frame integration than the conventional magnetic lock.

Not only is VORTEX smaller, stronger and contains less raw material, it also has early warning lock monitoring with audible and switched output. This pressure sensitive feature allows an alarm to be raised prior to any breach taking place. A security bracket is also available which protects the lock from tampering once the door is closed (Part No. AMSP2400).

The VORTEX lock range has been designed around a small universal magnet with a small conical orifice and an exceptionally strong alloy pin which is held by the vortex of mechanical and magnetic forces.

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## DIMENSIONS

	Length	Height	Depth
VX2400	218mm	30.5mm	30mm
VX2400LP	218mm	30.5mm	30mm
AMLB2400	218mm	30mm	35mm
AMZB2400 Part 1	174mm	41mm	50mm
AMZB2400 Part 2	174mm	50.5mm	50mm
AMSP2400	256mm	30mm	35mm
VX1982	134mm (Including fixings 164mm)	21.6mm	25.7mm
VX1900SM	128mm	21.6mm	25.7mm



VX1900SM



VX1982

## PARTS

	Description	Holding Force	Voltage/Current
VX2400	Surface mounting	1500kg (15000N, 3300lbs)	12Vdc 240mA or 24Vdc 120mA
VX2400LP	As above plus large door monitoring LED to indicate door status	1500kg (15000N, 3300lbs)	12Vdc 240mA or 24Vdc 120mA
AMLB2400	L Bracket for the VX2400/VX2400LP		
AMZB2400	Z Brackets for the VX2400/VX2400LP		
AMSP2400	Security bracket for VX2400/VX2400LP		
VX1982	Flush mounting	870kg (8700N, 1930lbs)	12Vdc 300mA
VX1900SM	Side mounting	900kg (9000N, 2000lbs)	12Vdc 300mA

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