4G · BLUETOOTH · RFID

HB-A1Ms

4G Explosion-Proof Secondary Lock (Sub-Lock)

A secure, smart backup lock

CE ATEX IP67



About the HB-A1Ms

HB-A1Ms is a 4G-connected, explosion-proof secondary lock (sub-lock) that communicates with the main lock over Bluetooth. Compact and light, with long standby time and Ex-proof protection, it is a secure, smart backup lock for demanding industrial conditions.

Where it is used

- Containers
- Tankers
- Logistics vehicles
- Steel safes
- Fuel tank caps

Key features

- Extra-long standby time (90 days)
- Communicates with the main lock over Bluetooth
- Small and lightweight
- IP67 waterproof
- Ex-proof protection

Specifications

Dimensions / weight	
Dimensions	124 × 95 × 47 mm
Weight	494 g

Unlocking modes	
RFID	2.5 cm
Bluetooth	4.0 BLE (20 m)

Battery	
Battery	2,950 mAh Li-ion · 3.7 V · 10.9 Wh
Standby time	3 months (reporting every 10 minutes)

Charging	
Charging voltage	5 V DC 2 A
Charging time	3 hours

Certifications and standards

CE
Complies with safety and environmental protection standards.

ATEX
Suitable for use in explosive atmospheres.

IP67
Rated for protection against dust and water ingress.