



200J Dynamic
Impact Resistance



800Kg Holding Force



Over 1 Million Cycles
Usage Lifespan



Power to open
Manual Key



Auto-Sensing
12-24VDC



Green
Energy Saving



Trigger Switch
Sensor



Exit Input



Key Alarm

FEATURE

HBL1283S is a heavy duty high security electric locking mechanisms designed for door closure without using any power and in the event of power failure it opens by power switch or manual release key cylinder. The unit static force hold to 800kg. It monitors the correct door closing position sending alarm indication when not correctly align. The tampering action works to engaged the lock bolt, overcoming the possibility of bolt retraction with an alarm sounding. The device can be inter-phased with access control system to control access and egress with DSS, LSS and alarm sensors to provide high security monitoring.

SPECS



Fail Secure

Power to Open
Opens by Power or Key

Dimension

Lock Body L 235 x W 30 x H 52mm
Strike Plate L 162 x W 30 x H 6mm

Weight

1.13Kg

Operating Voltage

12-24VDC ±10%

Operating Current

12VDC – 1480mA (Rush) 24VDC – 750mA (Rush)
250mA (Hold) 150mA (Hold)

Holding Force

800Kg

Impact Energy

200J

Operating Conditions

Temperature -10°C ~ 60°C
Humidity 0 ~ 85% (non-condensing)

Output Signals

Lock Status Sensor (LSS)	Door Status Sensor (DSS)
COM/NC/NO:	COM/NC/NO:
Max 24VDC ;	Max 24VDC ;
Max 1A ; Max 6W	Max 1A ; Max 6W

Key Alarm

COM, NO. Dry Contact Signal Output
Max 24VDC; Max 200mA

Trigger Switch Sensor

COM, NO. Door And Lock Contact Status Output
Max 24VDC; Max 1A ; Max 6W

Exit Input

ON Exit And Grovnd Wine, Connection Must Be Grounded

Face Plate

Stainless Steel Face Plate

Bolt

Stainless Steel Bolt

MODELS

	Lock Status Sensor Monitoring	Door Status Sensor Monitoring	Key Alarm	Trigger Switch Sensor	Exit Input
HBL1283S	•	•	•	•	•

ACCESSORIES

CP44

Cover Plate for European Cylinder

YTL40/50/70/97-SK

Double Sided Key Cylinder For European Profile
(40/50/70/97mm in length)

YTL70-DK

Single Sided Key Cylinder With Knob European Profile
(70mm in length)

MANUFACTURER

SHANGHAI ONE TOP CORP.
Tel: 86 21 5740 7301

HIGH QUALITY LOCKING DEVICE PROVIDER
www.onetoplock.com