HIGH SPEED BOOM BARRIER IDT SPEED 3

RFID — RFID

IP 54 — IP 54

Magnetic Loop Detector (Optional)

Traffic Light (Optional)

MTBF — 5 Million Cycles

Photocell (optional)

FEATURES

- DC permanent magnet synchronous motor (PMSM), servo control
- Superior performance, equivalent to CNC machine control motor and electric vehicle motor.
- Three-extension spring crank, for more stable and reliable structure.(patented technology)
- Free limit design, accurate encoder detection, detecting boom position when power on.
- Electronic clutch device; running manually power off. Boom available to be locked at any position after clutch devise closed. (Patented technology)
- Safety device design avoid boom falling spring break or fatigue.
- High-Performance servo motor, giving out extremely less heat, continuous running without halt.
- More sensitive and reacting faster when reversing on obstacles.
- Humanized operation: LCD display, to set running time, motor speed, boom length, counting, auto-reversing sensitivity level, power-on and power-off time.
- Available for network port, 485 communication, radar, loop detector and more secondary development.

TECHNICAL SPECIFICATION

Model	IDT Speed-3
Running Speed	0.6 s
Boom Length	3-3.5 m
Duty Cycle	100%
Power Consumption	300 W
Supply Voltage	220V ± 10% , 110V ± 10%
Working Temperature	-30℃ ~+85℃
Enclosure Rating	IP 54
MTBF	5 million
Traffic Arm Position	Left to Right
Max Speed of Motor	72r/min
Max Torque of Motor	40N.m
Motor Voltage	24 V DC

ORDER INFORMATION

Part No.	IDT.HSBB.DC.3

APPLICATION AREA

Residential | Health Care | Educational Institute | Government | Defense | Toll Plaza

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