

BARRIER LOGIC ULTBL340T

The Torque motor Barrier logic is a reliable cost effective solution to barrier electronics.

All that is needed to drive a barrier is this cost effective Barrier logic and an external Loop detector or IR beam.

FEATURES

Compact size: The best looking Barrier Logic module in the industry, with all the requirements of an access logic.

Diagnostics Capability: This unit has simple LED indicated loop diagnostics and full diagnostics with the use of an ULTITEC DM400 handheld display module. Six Counters are also available.

Fully Programmable: This unit is fully programmable with a hand held Display module DM400. This prevents tampering.

Wide Supply Voltage: This unit operates from 12VDC to 270VAC

Multi-functional Second Relay Functions: This relay can be used for several functions: Pulse, Presence, Fail Ticket Vend Interlock, End Of Transaction, Solenoid, Barrier Open and Close in normally energized or de-energized states.



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TECHNICAL DATA

Mechanical

Detail : ABS enclosure, Polycarbonate front cover and Nylon filled ABS Backplate.

Dimension : 82mm high by 40mm wide 76mm deep

Weight : Approx 125g
Approx 165g with packing box

Mounting : Shelf or DIN-rail socket

Operating

Temperature -40° to +80°C

Range : Circuit sealed against condensation

Connector : Single rear mount
11-pin submagnal 86CP11

Output Relay 1: 16A @ 230VAC
Change over contacts

Output Relay 2: 10A @ 230VAC
Normally open contacts

Output

Auto Close time: 30, 60 seconds or Programmable

Configuration: 2 Output relays
Relay 1 = Motor output
Relay 2 = Pulse, EOT, TVI,
Solenoid, Open, Close

Roll back time: 3, 5 seconds or Programmable

Factory

settings:

1. Relay 2 set as Ticket Vend Interlock / End Of Transaction
2. Roll back time 5 seconds / 2 seconds
3. Auto close 1 minutes / ½ minute
4. Delay timers 0 seconds

Indications:

	Red LED	Green LED	Yellow LED
Standard power up	Flash for 9 times	Flash for 9 times	Off
Auto mode	ON	ON	
Open mode	ON	OFF	
Close mode	ON	ON	
Pin 7 active		Very fast flash	
Pin 8 active	Very fast flash		
Loop active			ON

Protection: Isolation couplers and MOVs with on motor & mains supply

Power

Requirements: 12VDC to 400VDC or 12VAC to 270VAC 45Hz to 60Hz
120mA @ 12VDC
80mA @ 24VDC
1,5VA max @ 230VA

PIN Number

Function

- | | |
|----|---|
| 1 | 12VDC to 400VDC or 12VAC to 265VAC (Live) |
| 2 | 12VDC to 400VDC or 12VAC to 265VAC (Neutral) |
| 3 | Relay 2 (Ticket vend interlock N/O) |
| 4 | Relay 2 (Ticket Vend Interlock Common) |
| 5 | Barrier Motor Open 12VDC to 230VAC output |
| 6 | Ground supply for raise, lower & Loop inputs |
| 7 | Pin 7 input |
| 8 | Pin 8 input |
| 9 | Mains earth & 12V/24VDC + output |
| 10 | Barrier Motor Close 12VDC to 230VAC output |
| 11 | Loop detector input |

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