DATA SHEET

BT815F Series

bqt SOLUTIONS

Security with aesthetics in mind and a stylish flush mount design

General Specifications

Power Requirement	- VDC regulated	7-16 VDC
Current Consumption	- Average	45ma
	- Peak	135ma
Card Read Range	- Metric	20mm - 40 mm
	- USA	0.8"- 1.6"
Operating Temperature	- Metric	-25°C to +65°C
	- USA	-13°F to +149°F
Relative Humidity	- % max	90%, operating non condensing
Reader Dimensions	- Metric	110mm (L) x 110mm (W) x 23mm (D)
	- USA	4.33" (L) x 4.33" (W) x 0.91" (D)
Status LED's	- Colour	Green and Red
Audible Tone		Internal & external buzzer control
Colour finish		Charcoal
Certifications		C-tick, FCC, CE
IP Rating		IP65
ROHS		Compliant
M1000		

The BT815F Series of readers is a flush mount unit designed to be architecturally unobtrusive. The BT815F offers flexible security options in a low profile design.

Available in several models, the BT815F caters for all security requirements large or small and offers a solution for all applications whether driven by budget or functionality.

Model Features

BT815F	Technology			Authentication Factors			Encode					Encryption				Sector Keys			13.56MHz Credential type and option					Output Protocol			Other		
	Mifare Classic	Mifare Plus	DESfire	Card	Biometric	Keypad	CSN/UID	Sector	Application	Random UID	Diversified Keys	Crypto 1	Mifare Plus	3 DES	AES (optional)	MiPASS 2	MiPASS 3	Customisable	ISO14443A	ISO14443B	Mifare 1K & 4K	Mifare Plus 2K & 4K	DESfire EV1 4K & 8K	Wiegand 32 Bit	Wiegand 26-199 Bit	Encrypted RS485*	Read / Write	Indoor / Outdoor	Tamper option
BT815F -2	✓			✓			✓	✓		✓	✓	✓				✓			✓		✓			✓			✓	✓	
BT815F -3	✓			✓			✓	✓		✓	✓						✓	✓	✓						✓	✓	✓	✓	✓
BT815F -4		✓	✓				✓	✓	✓	✓	✓		✓					✓	✓	✓		✓		✓	✓		✓	✓	
BT815F -6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓

* Requires High Security Module (HSM) AES 128bit encryption