DATA SHEET

BT815 5VDC

General Specifications

Power Requirement	**- VDC regulated**	5 VDC
Current Consumption	**- Average**	157ma
	- Peak	174ma
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**	90mm (L) x 90mm (W) x 27mm (D)
	- USA	3.54” (L) x 3.54” (W) x 1.06” (D)
Status LED’s	**- Colour**	Green & Red (Ext cont. to Green LED)
Audible Tone		Internal & external buzzer control
Colour finish		Charcoal
Certifications		FCC, CE, C-tick
IP Rating		IP65
ROHS		Compliant

5VDC

Robust, Reliable, Security *– built to withstand harsh environments*

The BT815D reader is a low profile, extremely robust unit and has been engineered to withstand the harshest of environments. The BT815 Series is designed with ease of installation in mind and may be installed on flush surfaces and mounted on most international standard gang boxes with the addition of a backing plate.

Available in several models, the BT815D caters for all security requirements large or small and offers a solution for all applications whether driven by budget or functionality.

Model Features

	Technology			Authentication Factors			Encode					Encryption				Sector Keys			13.56MHz Credential type and option					Output Protocol			Other		
BT815D	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
BT815D -2	✓			✓			✓	✓			✓	✓				✓			✓		✓			✓			✓	✓	
BT815D -3	✓			✓			✓	✓			✓	✓						✓	✓		✓				✓	✓	✓	✓	✓
BT815D -4			✓	✓			✓	✓	✓		✓	✓		✓			✓		✓		✓		✓	✓			✓	✓	
BT815D -6	✓		✓	✓			✓	✓	✓		✓	✓		✓	✓			✓	✓		✓		✓		✓	✓	✓	✓	✓

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

Contact BQT Solutions for more information or a discussion on custom options available, visit our website www.bqtsolutions.com for your nearest office.

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