Contact Smart Card Reader for the Motorola MC70/75/75A

+ *Features and benefits:*

✓ Provides simple upgrade path for standard MC70/75/75A terminal

✓ Compliant to ISO7816-1,2,3,4

✓ Memory card support

✓ Communication speed up to 115,200 bps

✓ Supports embossed cards

✓ On-board flash provides seamless firmware upgrades in the field

✓ Compact enclosure - 95x80x28 mm

✓ Matches drop specification of MC70/75/75A terminal

✓ Lightweight – 90g

PART NO.

1060-01-SO-MC70-CSC

+ This accessory for the MC70/75/75A series of terminals provides a Smart Card and Memory card capability. The unit attaches as a sleeve around the terminal - the mechanical design of the module enables the attachment to remain compatible with existing MC70/75/75A accessories such as the desktop charge cradle and the car charger. The USB port from the terminal is brought through to the docking connector on the bottom of the Smart Card snap-on to provide ActiveSync connectivity to the terminal

+ The Smart Card Reader is compliant to ISO7816-1,2,3,4, supports T=0 and T=1 protocols and Synchronous and Asynchronous mode. The reader is based on industry standards, including PC/SC, EMV, FINREAD and Common Criteria to address a wide range of applications across government, enterprise and financial sectors.

+ The core chipset used in the Smart Card Reader is compliant with all crucial existing and emerging banking and IT standards and certifications. This means that the Smart Card Reader is ready for certification to Microsoft WHQL, EMV Level 1, Mondex, Entrust, and American Express.

+ The smart card connector meets the requirements of ISO 7816-2 and is rated for 100 000 insertions.

design - development - manufacture

Compliance	
	✓ ISO7816-1,2,3,4
	✓ T=0, T=1 Protocol
	✓ Synchronous and Asynchronous mode
Power source	MC70/75/75A switched 5V output
Current consumption	
	<5mA idle
	50mA nominal operating current during card operation (influenced by smart card current).
Physical Characteristics	
Dimensions	95 x 80 x 28 mm
Weight	90g
Environmental Characteristics	
Operating temperature	-0°C to +50°C
Storage Temperature	-25°C to +60°C
Humidity	5% to 90% RH Non Condensing
Enclosure material	PC

PART NO.

1060-01-SO-MC70-CSC

+ About TSL

TSL designs and manufactures both standard and custom embedded, snap on and standalone peripherals for handheld computer terminals. Embedded technologies include:

- RFID - Low Frequency, High Frequency and UHF
- Bluetooth
- GPRS/GSM
- IrDA
- Contact Smartcard
- Fingerprint Biometrics
- 1D and 2D Barcode Scanning
- GPS
- 802.11 Wi-Fi
- Magnetic Card Readers
- OCR-B and ePassport

Utilizing class leading Industrial design, TSL develops products from concept through to high volume manufacture for Blue Chip companies around the world. Using the above technologies TSL develops innovative products in a timely and cost effective manner for a broad range of handheld devices.

Telephone: +44 (0)1509 238248
Fax: +44 (0)1509 220020

Postal Address:

Technology Solutions (UK) Limited,
Suite C, Loughborough Technology Centre,
Epinal Way,
Loughborough,
Leicestershire,
LE11 3GE.
United Kingdom.

Email: enquiries@tsl.uk.com

Rev 1.7 – 5th July 11

design - development - manufacture