



# 1060 SMART CARD READER FOR MOTOROLA MC70/75/75A CONTACT SMART CARD READER



## A Snap-on Solution

This accessory for the MC70/75/75A series of terminals provides contact Smart Card functionality. The unit attaches as a snap on to the bottom of 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.

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. Charge is passed through to allow the host terminal to be charged without removing the card reader.

## Fully Compliant Smart Card Reader

The Smart Card Reader is compliant to ISO7816-1,2,3,4 and supports T=0 and T=1 protocols. A PC/SC compliant driver is provided. The reader is suitable for a wide range of applications across government, enterprise and financial sectors.

The smart card connector meets the requirements of ISO 7816-2 and is rated for a minimum of 500 000 insertion cycles. It uses landing contacts which touch the card only when it is almost fully inserted to minimize card and contact wear.

## Features:

### Rugged Design

Matches drop specification of MC70/75/75A terminal

### One Piece Charging

The reader is powered by the MC70/75/75A, and charging is passed through the reader's docking connector to the host terminal

### Standards based solution

Compliant to ISO7816-1,2,3,4 and supports T=0 and T=1 protocols

### Reader Performance

Communication speed up to 115.2 kbits/s to host, 420 kbits/s to card. Supports embossed cards

# SPECIFICATIONS

## Physical Characteristics

Dimensions (max):	95mm × 80mm × 28mm
Weight:	90g
Enclosure material:	GE Lexan Polycarbonate
Colour:	Grey
Material finish:	Sparked surface

## Contact Smart Card Reader

Compliance:	ISO7816-1,2,3,4 T=0, T=1 Protocol 2 wire (SLE 4432/42, S=10), 3 wire (SLE 4418/28, S=9) and I2C (S=8) also supported by reader hardware
Power Source:	MC70/75/75A switched 5V output
Current consumption:	Typically 30mA, excluding smart card operating current

## Environmental

Operating Temp.:	-10°C to +50°C
Storage Temp.:	-40°C to +70°C
Humidity:	Up to 95% Relative humidity Non Condensing

## Regulatory

Electrical Safety:	IEC 60950-1:2005 + A1:2010, EN 60950-1:2006 + A11:2009 + A1:2010 UL 60950-1:2007, CAN/CSA-C22.2 No. 60950-1-07
EMC:	EN 55022:2010, EN 55024:2010 USA – FCC Part 15 Class B Canada – ICES-003 Class B

# PART NUMBERS

1060-02-SO-MC75-CSC	Smart Card Reader for Motorola MC70/75/75A
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# WARRANTY

The TSL 1060 reader is warranted against defects in workmanship and materials for a period of one year (12 months) from date of shipment, provided the product remains unmodified and is operated under normal and proper conditions.

# ABOUT

## ABOUT TSL®



Technology Solutions UK Ltd (TSL®), part of HID Global, is a leading manufacturer of high performance mobile RFID readers used to identify and track products, assets, data or personnel.

For over two decades, TSL® has delivered innovative data capture solutions to Fortune 500 companies around the world using a global network of distributors and system integrators. Specialist in-house teams design all aspects of the finished products and software ecosystems, including electronics, firmware, application development tools, RF design and injection mould tooling.

TSL® is an ISO 9001:2015 certified company.



ISO 9001: 2015

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