Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

PHŒNIX CONTACT

Touch panel - TP057STV/100130003 S00127 - 2401618

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

Touch panel with 14.5 cm/5.7" TFT active-Display (Analog resistive (polyester)), 640 x 480 Pixel (VGA), 262144 colors, ARM® Cortex®-A8, 800 MHz, 2x USB host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7 and User software: IniNet Browser. (Bus system: without)

Key Commercial Data

Packing unit	1 STK
Custom tariff number	84714100
Country of origin	Germany

Technical data

Dimensions

External dimension, width	168 mm
External dimension, height	126 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	160 mm
Installation dimension, height	118 mm
Installation dimension, depth	42 mm
Note regarding installation dimension	Mounting cutout, depth with bus if bus system present in the device

Display

Display	14.5 cm/5.7" TFT active
Screen resolution	640 x 480 Pixel(s) (VGA)
Backlighting	LED
Display backlight MTBF	40000 h
Touch technology	Analog resistive (polyester)
Colors	262144 colors

Computer data

Processor	ARM® Cortex®-A8, 800 MHz
Operating systems	Windows® Embedded Compact 7

Touch panel - TP057STV/100130003 S00127 - 2401618

Technical data

Computer data

User software	IniNet Browser
RAM	512 MB LPDDR SDRAM
Mass storage	256 MB NAND-Flash
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB host 2.0
Bus system	without
Optional interfaces	SD slot
Realtime clock	Yes
Service life of battery	5 years (typical)

General

Mounting type	Front installation
Weight	700 g

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
	NEMA 4X
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	20 % ... 85 %
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Power supply unit	24 V DC ±20 %

Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Classifications

eCl@ss

eCl@ss 5.1	27360102
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 5.0	EC001412

Touch panel - TP057STV/100130003 S00127 - 2401618

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 205795

cUL Listed http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 205795

cULus Listed

Accessories

Accessories
Battery module

Battery / accumulator - HMI BATTERY - 2701383

Lithium battery

Mounting material

Mounting material - HMI SCB MOUNTING KIT 4 - 2701384

HMI mounting kit for installation on a front plate. The mounting kit includes 4 x mounting brackets, 4 x screw threads, and a hexagonal wrench.

Touch panel - TP057STV/100130003 S00127 - 2401618

Accessories

Mounting material - HMI SCB MOUNTING KIT 6 - 2701385

HMI mounting kit for installation on a front plate. The mounting kit includes 6 x mounting brackets, 6 x screw threads, and a hexagonal wrench.

Mounting material - HMI SCB MOUNTING KIT 8 - 2701387

HMI mounting kit for installation on a front plate. The mounting kit includes 8 x mounting brackets, 8 x screw threads, and a hexagonal wrench.

Mounting material - HMI WALL MOUNTING KIT - 2701380

HMI mounting kit for panel installation. The mounting kit includes 2 spring clips.

Operating stylus

Touch pen - TOUCH PEN - 2701379

Touch pen for HMIs, silver coated. Delivery includes self-adhesive pen holder.

Parameterization memory

Program / configuration memory - SD FLASH 2GB - 2988162

Program and configuration memory

Touch panel - TP057STV/100130003 S00127 - 2401618
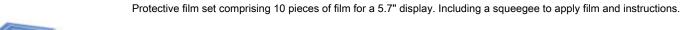
Accessories

PCB plug

Printed-circuit board connector - MC 1,5/ 3-STF-3,5 - 1847068

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

Protective foil

Protective foil - 5,7" DISPLAY PROTECTIVE FOIL - 2701371

Protective film set comprising 10 pieces of film for a 5.7" display. Including a squeegee to apply film and instructions.

Storage medium

USB memory stick - USB FLASH DRIVE - 2402809

USB memory stick, 8 GB