

TP154STM/100130003 S00068 - Touch panel



2400999

<https://www.phoenixcontact.com/us/products/2400999>

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 documentation. Our general terms of use for downloads are valid.



Touch panel, 39.12 cm / 15.4"-TFT display (analog resistive (polyester)), 1280 x 800 pixel(s) (WXGA), 16.7 million colors, Arm® Cortex®-A8, 800 MHz, 2x USB Host 2.0, 1 x Ethernet (10/100 Mbps), RJ45, Windows® Embedded Compact 7, Movicon™, without bus system.

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2400999 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | DRCABC |
| GTIN | 4055626109879 |
| Weight per piece (including packing) | 1,900 g |
| Weight per piece (excluding packing) | 1,900 g |
| Country of origin | DE |

Technical data

Notes

Utilization restriction

| | |
|----------|---|
| EMC note | EMC: class A product, see manufacturer's declaration in the download area |
|----------|---|

Product properties

| | |
|--------------|----------------|
| Product type | Operator panel |
|--------------|----------------|

Computer data

| | |
|---------------------|-----------------------------|
| Processor | Arm® Cortex®-A8, 800 MHz |
| Operating system | Windows® Embedded Compact 7 |
| RAM | 512 MB LPDDR SDRAM |
| Data storage system | NAND-Flash, 256 MB |
| Slots | 1x SD |

Display

| | |
|-----------------------|--------------------------------|
| Display type | 39.12 cm / 15.4"-TFT |
| Screen resolution | 1280 x 800 Pixel(s) (WXGA) |
| Touch technology | analog resistive (polyester) |
| Display lighting type | LED |
| Brightness | 360 cd/m² typical (adjustable) |
| MTBF | 50000 h |
| Color spectrum | 16.7 million colors |
| Reading angle left | 70.00 ° |
| Reading angle right | 70.00 ° |
| Reading angle top | 80.00 ° |
| Reading angle bottom | 80.00 ° |

Interfaces

| | |
|------------|----------------------------------|
| Interfaces | 2x USB Host 2.0 |
| Network | 1 x Ethernet (10/100 Mbps), RJ45 |
| Bus system | without bus system |

System properties

| | |
|---------------|----------|
| User software | Movicon™ |
|---------------|----------|

Electrical properties

| | |
|-------------------------|-------------------|
| Service life of battery | 5 years (typical) |
|-------------------------|-------------------|

Supply

| | |
|-----------------------------|---------------|
| Power supply unit | 24 V DC ±20 % |
| Typical current consumption | 0.9 A |

TP154STM/100130003 S00068 - Touch panel



2400999

<https://www.phoenixcontact.com/us/products/2400999>

Real-time clock

| | |
|----------------|----------------------|
| Realtime clock | Yes (battery-backed) |
|----------------|----------------------|

Supply

| | |
|-------------------|-------------|
| Power consumption | typ. 21.6 W |
|-------------------|-------------|

Mounting

| | |
|---------------|----------------|
| Mounting type | Front mounting |
|---------------|----------------|

Material specifications

| | |
|----------------------|-----------------------------|
| Material front plate | Aluminum (natural anodized) |
| Housing material | Steel sheet, zinc-plated |

Environmental and real-life conditions

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 |
| Altitude | 3000 m |
| Permissible humidity (operation) | 20 % ... 85 % |
| Shock | 15g, according to IEC 60068-2-27 |
| Vibration (operation) | 1g, according to EN 60068-2-6 |

Dimensions

External dimensions

| | |
|------------------------|--|
| Width / Height / Depth | 420 mm / 297 mm / 5 mm (Dimensions of the front plate) |
|------------------------|--|

Installation dimensions

| | |
|-------------------------------------|---|
| Width / Height / Installation depth | 396 mm / 273 mm / (Installation cutout) |
| Installation depth | 59 mm, |

Environmental product compliance

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-15 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com