

# TP105XIT-10/3101C240 S00051 - Touch panel



2400839

<https://www.phoenixcontact.com/us/products/2400839>

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Touch panel, 26.4 cm / 10.4"-TFT display (analog resistive (polyester)), 800 x 600 pixel(s) (SVGA), 262144 colors, Xscale® PXA320, 806 MHz, 2x USB host 1.1, 1 x Ethernet (10/100 Mbps), RJ45, Windows® CE 6.0, Movicon™, without bus system.

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2400839       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Product key                          | DRCABC        |
| GTIN                                 | 4055626105505 |
| Weight per piece (including packing) | 1,900 g       |
| Weight per piece (excluding packing) | 1,900 g       |
| Country of origin                    | DE            |

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## 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           | Xscale® PXA320, 806 MHz |
| Operating system    | Windows® CE 6.0         |
| RAM                 | 128 MB SDRAM            |
|                     | 1 MB SRAM               |
| Data storage system | NAND-Flash, 1 GB        |

#### Display

|                       |                                |
|-----------------------|--------------------------------|
| Display type          | 26.4 cm / 10.4"-TFT            |
| Screen resolution     | 800 x 600 Pixel(s) (SVGA)      |
| Touch technology      | analog resistive (polyester)   |
| Display lighting type | LED                            |
| Brightness            | 340 cd/m² typical (adjustable) |
| MTBF                  | 50000 h                        |
| Color spectrum        | 262144 colors                  |
| Reading angle left    | 70.00 °                        |
| Reading angle right   | 70.00 °                        |
| Reading angle top     | 50.00 °                        |
| Reading angle bottom  | 60.00 °                        |

### Interfaces

|                     |                                  |
|---------------------|----------------------------------|
| Interfaces          | 2x USB host 1.1                  |
| Optional interfaces | CF slot                          |
| 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 | 0.7 A         |

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## Real-time clock

|                |     |
|----------------|-----|
| Realtime clock | Yes |
|----------------|-----|

## 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)<br>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 | 295 mm / 220 mm / 5 mm (Dimensions of the front plate) |
|------------------------|--|

### Installation dimensions

|                                     |   |
|-------------------------------------|---|
| Width / Height / Installation depth | 287 mm / 212 mm / 61 mm (Mounting cutout, depth with bus if bus system present in the device) |
|-------------------------------------|---|

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## 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% |
|-------------------------------------|----------------------------|
|-------------------------------------|----------------------------|

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