

TP 3043W - Touch panel



2402629

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Touch panel with 10.92 cm / 4.3" TFT display (analog resistive (polyester)), 480 x 272 pixel(s) (WQVGA), 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: Visu+ / AX OPC Server. (bus system: without)

Commercial data

Item number	2402629
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRCABC
Catalog page	Page 472 (C-6-2019)
GTIN	4055626244969
Weight per piece (including packing)	600 g
Weight per piece (excluding packing)	600 g
Customs tariff number	84714100
Country of origin	DE

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Technical data

Product properties

Product type	Operator panel
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Computer data

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

Display

Display type	10.92 cm / 4.3" TFT
Screen resolution	480 x 272 Pixel(s) (WQVGA)
Touch technology	analog resistive (polyester)
Display lighting type	LED
Brightness	385 cd/m² typical (adjustable)
MTBF	40000 h
Color spectrum	262144 colors
Reading angle left	69.00 °
Reading angle right	69.00 °
Reading angle top	75.00 °
Reading angle bottom	75.00 °

Interfaces

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

System properties

User software	Visu+
	AX OPC Server

System requirements

Runtime system	Visu+ Runtime
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Electrical properties

Service life of battery	5 years (typical)
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Supply

Supply voltage	24 V DC
Supply voltage range	18 V DC ... 30 V DC
Power supply unit	24 V DC ±20 %
Typical current consumption	0.2 A

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Real-time clock

Realtime clock	Yes (battery-backed)
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Supply

Power consumption	typ. 4.8 W
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Mounting

Mounting type	Front mounting
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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
Permissible humidity (operation)	20 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	20 % ... 85 % (non-condensing)
Shock	DIN EN 60068-2-27
Vibration (operation)	DIN EN 60068-2-6

Dimensions

External dimensions

Width / Height / Depth	140 mm / 100 mm / 5 mm (Dimensions of the front plate)
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Installation dimensions

Width / Height / Installation depth	132 mm / 92 mm / 42 mm (Installation cutout)
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