

> PRIVA BLUE ID TOUCHPOINT

Priva Blue ID



With a Priva Blue ID TouchPoint you have a powerful and user-friendly operating unit.

Characteristics

- 7-inch colour display
- capacitive touch screen
- intuitive operation
- Power over Ethernet connection
- speaker
- polarity insensitive supply voltage
- wall mounting
- front panel mounting
- magnetic mounting

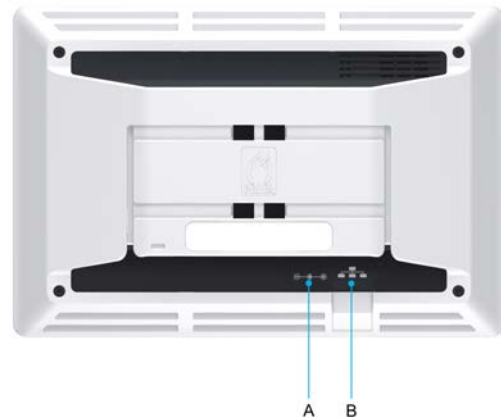
Ease of use

The TouchPoint makes it easy to operate the climate, lighting and sun blinds in rooms.

The TouchPoint can also be used for operating at building level. In that case, the operating unit shows an overview of the living and working environment in a building, a wing of a building, and so on. This means that all the relevant components of the system, such as settings, failure messages and measurements, are quickly and easily accessible for building managers and service engineers.

Power over Ethernet

There are two ways of powering the operating unit, via an external power supply (A) or via Power over Ethernet (B). There is no need for an additional power supply or cabling. This simplifies the mounting and installation.



Installing the TouchPoint

The TouchPoint comes in two variants that can be easily mounted:

- You can install the Priva Blue ID TouchPoint on a metal surface using the built-in magnets, for instance on a DIN rail, or in a wall bracket against a wall.
- The Priva Blue ID TouchPoint Flush is designed for flush mounting and, with the corresponding frame, can be installed in the door of a control cabinet, for instance.

TouchPoint specifications

General		Installation			
Article description	Article number	With magnets	Wall-mounted	Flush-mounted	Flush-mounted (CSA/UL-compliant)
Priva Blue ID TouchPoint	5060001 (V03:01 and higher)	√	√	-	-
Priva Blue ID TouchPoint Flush	5060002 (V03:01 and higher)	-	-	√	√
Priva Blue ID Wall bracket	5060101	-	√	-	-
Priva Blue ID Panel bracket Flush	5060103	-	-	√	√
Priva Blue ID TouchPoint Flush Back Cover (for panel mounting)	5060104	-	-	-	√

Mechanical	Priva Blue ID TouchPoint	Priva Blue ID TouchPoint Flush
Dimensions (XYZ)	126.5 x 187.5 x 32 mm (4.98 x 7.38 x 1.26 inches)	155.5 x 216.5 x 34.1 ¹ mm (6.12 x 8.52 x 1.34 inches)
Weight	450 grams Priva Blue ID Wall bracket: 19 grams	500 grams Priva Blue ID Panel bracket Flush: 275 grams Priva Blue ID TouchPoint Flush Back Cover (for panel mounting): 560 grams

¹ The outer edge of the panel is 4.5 mm thick.



Electrical and external power supply	
Power uptake	6,8 W
MTBF ¹ (excluding display and speaker)	1,460,000 hours
Supply input	connector type: polarity insensitive connection with pluggable screw connector
	input voltage: 19.2 ... 26.4 VDC (24 VDC + 10 %, - 20 %)
	protection: protected against connection of ± 30 VDC and 30 VAC
Requirements for external power supply (if PoE is not used)	<ul style="list-style-type: none"> • double insulation between input and output • for IEC 60950-1: maximum apparent power = 250 VA • for UL508, UL916, CSA C22.2 No. 14 and No. 205: Class 2 power supply
Cable diameter (when using Priva Blue ID TouchPoint Flush Back Cover (for panel mounting))	3 - 7 mm

¹ The MTBF is calculated according to the *Telcordia SR-332 standard Issue 2* under the following conditions:

- ambient temperature: 35 ... 50 °C
- supply voltage: 24 VDC, or power supply via PoE
- time in operation per day: 24 hours
- reliability level: 60 %

Display	
Screen viewing angle	V/H: 130/120 degrees
Screen resolution	800 x 400 pixels
Screen diagonal	178 mm (7 inch)
Service life of backlight ¹	20,000 operation hours

¹ This is the service life with the brightness decreased by 50 %.




Ethernet	
Network standard used	IEEE 802.3 (37 ... 57 VDC) 10BASE-T (10 Mbps) 100BASE-TX (100 Mbps) auto negotiation auto-MDIX
Baud rate	10 Mbps and 100 Mbps
Connection of third-party equipment permitted	yes
Cable type required	UTP or STP, minimum category 5
Maximum cable length	100 m
Connector type	RJ45, shielded
Cable diameter (when using Priva Blue ID TouchPoint Flush Back Cover (for panel mounting))	4 - 6.5 mm

Power over Ethernet	
Network standard used	IEEE 802.3af (37 ... 57 VDC) Powered Device (PD) Class 0

Housing	Priva Blue ID TouchPoint	Priva Blue ID TouchPoint Flush
Installation	with magnets on metal surface or wall-mounted in frame	flush-mounted ¹
IP code	IP30	IP66
Housing type (NEMA 250)	1	4X, indoor use only
Flammability class	V-0 (UL 94)	
Recycle code	7	
Device type	open device, for use in a pollution degree 2 environment	

¹ For an installation in a door or wall of a control cabinet that must comply with CSA C22.2 no 94.1 or UL 50, the Priva Blue ID TouchPoint Flush Back Cover (for panel mounting) must be mounted.

Environment	
Permitted temperature inside control cabinet during normal operation	0 ... 50 °C
Permitted temperature during transport and storage	-20... 70 °C
Permitted relative ambient humidity	10 % ... 95 % (non-condensing)
Shock and vibration resistance	IEC 61131-2
Installation category	II

Legislation and standards		
Canada / USA		<ul style="list-style-type: none"> • UL 508:2005 (industrial control equipment) • UL 916:2007 (energy management equipment) • UL 60950-1:2011 (information technology equipment) • CSA C22.2 No 14-10: 2011 (industrial control equipment) • CSA C22.2 No 205-12: 2012 (signal equipment) • CSA C22.2 No 60950-1-07 (information technology equipment)
	EMC	<ul style="list-style-type: none"> • complies with 47 CFR Part 15 Subpart B, Class B (FCC Rules) Operation is subject to the following two conditions: 1. This device may not cause harmful interference. 2. This device must accept any interference received, including interference that may cause undesired operation. • digital apparatus, complies with Canadian ICES-003, Issue 4, Class B
Europa		<ul style="list-style-type: none"> • Low voltage directive 2014/35/EU • EN 60950-1:2006 (information technology equipment) • EMC directive 2014/30/EU • EN 55032:2015, Class A of Class B ¹ (multimedia equipment) • EN 55024:2010, IDT (information technology equipment) • EN 61000-6-2:2005 (generic immunity standard) • EN 61000-6-3:2007 (generic emission standard) • RoHS directive 2011/65/EU
		complies with the WEEE directive 2002/96/EC

¹ The TouchPoint complies with Class B when a ferrite bead (type: Würth Elektronik 74271222 or equivalent) is placed around the network cable and power supply cable, as close as possible to the TouchPoint. Loop the cables through the ferrite bead twice.

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