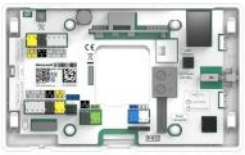
Systevo Connection Board for Systevo Touch IP terminal, Databus



Part-No.: 79CM307Z1

Connection board for IP touch terminal, to provide the required nurse call system and control functions in the resident/patient room or duty room according to the nurse call standards.
Serves as a control unit for additional functions in the corresponding room and as a gateway to the overriding central unit (via Data bus).
Monitoring and synchronization of the entire data traffic and audio connections (calls, announcements) to other rooms within the organizational unit, and coordination of communication with the central units and other room devices via data bus.
Configuration data of the room and used profiles (functions, I/O, device services) are managed via the management server and stored locally (redundant local flash storage), for increased safety.
Associated multifunctional room units as well as the corridor lamp, can be connected to the room controller via the integrated data bus (DBUS) as well as using the integrated call inputs (I/O).
Integration into the corridor data bus (ZBUS) and connection of the bed bus (BBUS) in backward compatibility mode (for bed call modules).
Includes an user-friendly installation technology with colour-coded connection terminals for each individual device and control functions, for a more efficient cabling and for an optimized commissioning process.
Supports bed-wise speaking in combination with an optional bed/speech unit and hand-held device at the bed.
Upgradable to future system firmware thanks to advanced flash storage technologies.
Possibility for automated software update during operation.
A multi-level security concept enables local call signaling in the case of a lack of communication with the central unit of the system.
Support of the cyber security requirements of modern data bus infrastructures.
Integrates an electromechanical lock feature to secure the IP touch terminal.
System functions subject to license are provided by corresponding software licenses.

Features:

- High quality plastic surface with antimicrobial compound for reduction of existing microorganisms and prevent their reproduction.
- Good mechanical properties with high resistance to daily use (operation, cleaning, disinfection, impacts, etc.).
- Suitable for use in care facilities with high demands on hygiene, stability, longevity and durability.
- Plastic (PC + ABS-FR), matt
- UV-resistant, impact-resistant
- Heat resistance, stability
- Longevity, durability, halogen free
- Flame protection (fire protection class V0)
- Processor/OS: Embedded µC system
- Cyber-Security: Firewall, secured boot loader function
- Configuration: via data service
- 24V DC power supply
- DBUS: 2x RS487 (200 m each) for up to 4 participants each
- ABUS/ZBUS: 1x RS487 (500 m) each
- BBUS: 1x RS485 (200 m)
- Call input/output: 4x I/O
- Connection terminals: color-coded for up to 3x 0.8 mm (0.6 mm) wires (rigid)
- Galvanic isolation of the control functions according to EN 60601.1.1 through external protective measures

Operating voltage	24 V DC
Current consumption	max. 300mA (with IP Touch-Terminal, without: 30-40mA)
Current consumption @ 24 V DC	approx. 180 mA
Ambient temperature	5 °C ... 55 °C
Storage temperature	-20 °C ... 70 °C
Type of protection	IP20
Installation	flush mounted (back box)
Dimensions	W: 100 mm D: 10 mm L: 170 mm

© 2022 Novar GmbH
Subject to change without notice!

Novar GmbH a Honeywell Company
Forumstr. 30 41468 Neuss
Phone: +49 2131 40615 600
Faximile: +49 2131 40615 606
www.ackermann-clino.com
info@ackermann-clino.com