Systevo Control

Features:

- Operation as master/slave controler, depending on the addressing/configuration
- Communication (data/audio) with other controlers via ETH-LAN or the station bus POF (max. 64)
- Max. number of (logical) groups: 250 (per system)
- Software download for system components (where possible), firmware updating, remote maintenance/SNMP-fct (with PC), basic commissioning
- SD card slot for future firmware or licence updates
- Connection board for surface-mounted assembly
- Centralised and decentralised installation
- Data preservation in case of power failure in accordance with DIN VDE 0834-1: 2016-06 (UPS required)
- Option for redundant power supply via secondary feed
- Local emergency operation mode in case of failure of the system master controler
- Sequential monitoring of the connected active components, additional controlers in the system network and the PC communication in accordance with DIN VDE 0834-1: 2016-06
- 1 x relay contact for reporting faults (NCC / NOC)
- Galvanic separation from other control units through ETH-LAN or POF connection
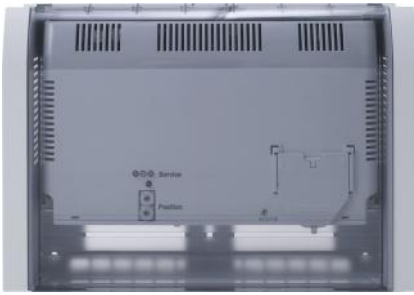- Status display via LEDs
- Flash for data storage of the system

Part-No.: 72700A1

Systevo Control as surface-mounted design as a central unit for an organisational unit, such as a ward or residential area. Use of system release V11 for compliance with DIN VDE 0834-1: 2016-06 in conjunction with overriding system licence, 1 licence card per system required. Also, activation of the system functions required (e.g. mobile call retrieval, system size etc.). Modular controler with 2 slots for the respective field bus cards (FBC). Option for redundant power supply via a decentrally installed power supply unit. Monitoring and synchronisation of the entire data traffic and the audio connections (calls, announcements) within the organisational unit and coordination of the communication with other controlers via IP interface (ETH-LAN / ward bus). Also, control of displays and acoustic call messages, according to specified priorities/services (interconnections) within a system installation. Flexible configuration options via the Systevo Workstation with convenient Windows GUI for call types, groups, services, collective announcements, display texts, device parameters, system language etc. based on the customer requirements. Use of a maximum of 64 controlers with up to 250 logical groups (sub-groups). The networking takes place via the ETH-LAN IP interface (data/audio) or existing installations of the ward bus (data/audio). The wiring via ETH-LAN and/or LWL-LAN takes place depending on the specifications of the classic network design. The ward-by-ward networking takes place via appropriate switches/routers (ETH-LAN: IEEE802.3), which automatically identify the necessary transmission rates (10, 100, 1000MBit). Port-based VLAN network components with QoS / ToS enable the prioritisation of the light call data services with respect to the voice services. For safety reasons (VDE 0834-1: 2016-06), all IP components (controlers, Systevo Workstation) operate in a uniform IP address range (10.1.x.y), which is not used by other components (e.g. BMS, medical equipment etc.) . To use a deviating IP address range (192.168.x.y), the configuration takes place via an optional DHCP server. The communication takes place on the basis of TCP/IP via defined light call protocols. Service programs, such as Telnet, FTP are for remote access and data transmission. Additional network applications (Syslog, Firewall etc.) are for system security and the possible analysis of stored log data. With an integrated gateway function for forwarding the data/audio signals of the overriding bus interfaces (ETH-LAN, ward bus) to the room bus. Support of the compatibility mode for existing system installations with the group controlers 72660x (firmware update to v5.xx necessary). Set-up of a master controler (for ETH-LAN: without room bus) for communication with the overriding Systevo Workstation via ETH-LAN and to control the escalation of all system messages within the entire system. Prepared for future licensable firmware updates and equipped with an SD card slot in order to be table to use additional service features. Centralised or decentralised installation (surface-mounted design) in environments environmental class I. Project-specific planning of the control equipment from 500 rooms.

Operating voltage	24 V DC + / -10 %
Quiescent current @ 24 V DC	approx. 180 mA
Current consumption	< 270 mA
Contact load relay	1A / 30 V DC
Ambient temperature	5 °C ... 40 °C
Storage temperature	0 °C ... 60 °C
Air humidity	< 20 %
Mounting	wall mounting
Material	PC+ABS-FR/PC
Color	gray, similar to RAL 7035
Weight	approx. 1,1 kg (incl. plug-in cards)
Dimensions	W: 278 mm H: 192 mm D: 60 mm

Systevo Control, accessory set (terminals, cable fasteners)

Accessories:

72700C1	field bus card (FBC) System 99
72700D1	field bus card (FBC) System 95

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