

CG-S BUS COMPONENTS



2-channel repeater

- Powerful amplifier modules for expansion of bus structure
- Signal amplification and regeneration
- Generation of CG-S network segments
- Active interference suppression with logical filter function (router)
- Expansion of network capacity
- With diagnosis function
- Visualise without limits with transmission via TCP/IP
- Use existing ethernet-based corporate networks
- Any media possible (copper, LAN, WLAN, glass fibre)
- Convenient networking via standard network components



Router for CG-S bus

Order specifications CG-S bus (ZB-S, CG2000)

Scope of delivery	Order No.
CG-S/USB interface box, surface mounted housing, without license key, replacement part	400 71 347 137
2-channel repeater for CG-S bus	400 71 347 143
4-channel repeater for CG-S bus	400 71 070 583
2-channel router for CG-S bus	400 71 347 142



CG-S/IP router

Order specifications CG-S bus / Ethernet

Scope of delivery	Order No.
CG-S/IP router (ethernet)	400 71 347 590
CG-S/IP connection box incl. CG-S/IP router (ethernet) and 24V/DC power supply	400 71 347 592
CG-S/IP interface, version: USB port	400 71 347 950



CG-S/IP connection box

Order specifications CG-S bus / external

Scope of delivery	Order No.
I/O interface connection box for CGVision, for connection of external devices to CGVision	400 71 360 025
24 V / 1.25 A DC power supply for DIN rail	400 64 070 421



Power supply

CG-S bus repeater/router

- 2-channel or 4-channel repeater for connecting of CG-S bus networks and expansion of network capacity of a CG-S bus network via physical division into two or more CG-S bus network segments. With expansion of more than two CG-S network segments, repeaters and routers must be alternatively planned.
- Router for connection of CG-S bus networks and expansion of the network capacity of a CG-S bus network via logical and physical structuring with signal refreshing function of the CG-S bus.

CG-S/IP router

- CG-S/IP router for connection of CEAG emergency lighting systems with CG-S bus to CGVision via an existing on-site ethernet (with TCP/IP). Simple, building-wide connection of decentrally located emergency lighting systems with STAR technology with coupling of CG-S/IP routers configured as clients via ethernet. Connection to CGVision can either be implemented via a USB port with the CG-S/USB interface box and a CG-S/IP router, or directly via the LAN interface of the PC. The CG-S/IP interface is required for this. Management of all CG-S network components is implemented via any CG-S/IP router in the network configured as a configuration server and administering all participants in a channel list with their IP addresses.
- CG-S/IP connection box incl. CG-S/IP router and 24V/1.25A DC power supply for external mounting.
- CG-S/IP interface for operation of CEAG emergency lighting systems with CG-S bus technology and CG-S/IP router via ethernet to CGVision visualisation, monitoring and programming software. The CG-S/IP interface enables connection of the emergency lighting systems via CG-S/IP router through the ethernet directly via the LAN interface of the PC.

I/O interface connection box

I/O interface connection box for wall mounting, for control and visualisation of external devices via digital inputs or relay outputs with CGVision visualisation, monitoring and programming software. Connection to CGVision is via the CG-S bus.

The connection of external devices is implemented via up to four digital inputs for visualisation or via up to five 24V relay outputs for control of diverse functions such as start function test (if available with the external device).

The switching conditions of the digital inputs can be freely assigned with green/yellow/red in the CGVision software to signalise various notifications, e.g. operation is green, battery operation is yellow or defect is red. Notifications assigned the colour red are logged in the inspection book with date/time stamp and notification text. With integrated 24V/1A electrical power supply.