FAULT SIGNALLING MODULE

Module for ceonnection to automatic test devices. External passing of a collective fault.

Signalling output:	Changeover, potential-free (250 V / 5 A)
Housing:	Polycarbonate, grey (RAL 7035)
Dimensions (H x W x D):	95 x 48 x 42 mm
Type of protection:	IP20
Protection class:	II
Mounting:	DIN rail
Ambient temperature:	0 °C to +40 °C
Compatible test devices:	Logica S Connect (12100C) Logica Z (12131C) Logica FM (21102)

Order code	Description
G31305	Fault signalling module

RS485/ETHERNET INTERFACE

Module for communication with central test devices over network with choice of 10 Mbit/s (10BaseT) or 100 Mbit/s (100BaseT). Is required, if a second network connection is desired per test device or if several test devices are connected over RS485 and should be monitored and controlled on a common network connection. The compatibility of the test device with the chosen software resp. cloud must be considered - see page for software resp. cloud.

Scope of delivery:	1 x mains adaptor, 1 x mounting adaptor for DIN rail, 1 x adaptor plug (DE-9 <> plug terminals)
Housing:	Plastic
Dimensions (H x W x D):	90 x 48 x 25 mm
Type of protection:	IP20
Protection class:	II
Mounting:	DIN rail or surface wall mounting
Compatible test devices:	Logica S Connect (12100C) Logica Z (12131C) Logica FM (21102)

Order code	Description
17223	RS485/Ethernet interface

RS485/USB INTERFACE

Module for communication with central test devices over USB. The compatibility of the test device with the chosen software must be considered - see page for software.

Scope of delivery:	1x mounting adaptor for DIN rail, 1x USB cable
Housing:	Metal
Dimensions (H x W x D):	151 x 75 x 26 mm
Type of protection:	IP20
Protection class:	III
Mounting:	DIN rail or surface wall mounting
Compatible test devices:	Logica S Connect (12100C) Logica Z (12131C) Logica FM (21102)

Order code	Description
16319	RS485/USB interface

Rev.-No. S2024-03

PRINTER

Printer for connection to central test devices. Printout of fault messages and test results.

Paper type:	Thermal paper
Housing:	Plastic, black
Dimensions (H x W x D):	85 x 85 x 57 mm
Type of protection:	IP20
Protection class:	I
Mounting:	DIN rail
Compatible test devices:	Logica Z (12131C) Logica FM (21102)

Order code	Description
16302	Printer

FM REPEATER

Repeater for Logica FM. Amplification of the radio signal on respective position in the radio network. Integrated Logica FM interface according to the ZigBee® standard.

Housing:	Polycarbonate, grey (RAL 7035)
Dimensions (H x W x D):	80 x 160 x 60 mm
Type of protection:	IP66
Protection class:	II
Mounting:	Surface wall mounting or surface ceiling mounting
Mains supply:	198 V–254 V / 50 Hz
Ambient temperature:	0 °C to +40 °C
Battery:	LIFE 6.4 V / 1.5 Ah
Compatible test devices:	Logica FM (21102)

Order code	Description
16321	FM repeater

Order code	Description
12139	Logica Visual

LOGICA VISUAL **Monitoring and control software**

Software for central monitoring and control of complex safety lightings with self-contained supply, decentral or central supply. Developed for use with desktop computers and laptops. Ideal for application in a building management system as well as for maintenance of the systems. High downward compatibility for older automatic test devices.

Version for Windows XP (32 / 64 Bit), Windows VISTA (32 / 64 Bit), Windows 7 (32 / 64 Bit), Windows 8 (32 / 64 Bit), Windows 10 (32 / 64 Bit) and Windows 11

Documented software version: 5.4.19

PROGRAMMING

- Import of layout plans as DXF/DWG file
- Textual and graphical assignment of all systems, circuits and luminaires resp. luminaires, supply devices and supply modules
- System parameters per system
- Operating mode per circuit or luminaire (decentral and central supply)
- Switching per circuit or luminaire (decentral and central supply)
- Operating mode resp. switching per luminaire or supply device (self-contained supply, only at maintained mode)
- Test parameters per system
  - date
  - time
  - duration
  - cycle
- Free assignment of luminaires to groups per system (decentral supply Sicuro24, central supply Sicuro230 and self-contained supply)
- 3 programmable time functions (time switches) each for all 7 weekdays with 5 switch-on times per week day (decentral and central supply)
- Configuration of control inputs (self-contained supply – Logica S, 16300)

COMPATIBILITY

- Systems with self-contained supply

Autotest:	no
CableCom Connect (20151):	no
Logica S Connect (12100C):	yes
Logica S Connect (12100C) + Logica Z (12131C):	yes
Logica FM (21102):	yes

- Systems with decentral supply

NGB:	yes
Sicuro24:	yes

- Systems with central supply

NZB:	yes
Sicuro230:	yes

- Systems with general lighting

Smart Lighting:	no

FUNCTIONS

MONITORING

- automatic or manual execution of a function test
- automatic or manual execution of a duration test

CONTROL

- manual switching (on / off) of the maintained mode in mains operation per system (decentral and central supply)
- manual switching (on / off) of the maintained mode in mains operation per luminaire and supply device (self-contained supply)

SIGNALLING

- current status in online mode in graphical and numerical format per luminaire (decentral and central supply)
  - operating mode resp. switching
  - faults
  - tests
- current status in online mode in graphical and numerical format per luminaire, supply device and supply module (self-contained supply)
  - operational condition
  - operating mode resp. switching
  - faults
  - tests
- faults in online mode per luminaire (decentral and central supply)
  - lamp
  - communication fault
- faults in online mode per luminaire, supply device and supply module (self-contained supply)
  - lamp
  - communication fault
  - battery fault
- tests of the last 2 years per system (decentral and central supply)
- tests per system depending on used test device (self-contained supply)

Rev.-No. S2024-03

Order code	Description
–	B.connect

Download on the App Store

GET IT ON Google Play

B.CONNECT

Monitoring and control software

Software for local monitoring and control of complex safety lightings with self-contained supply as well as for equipment for room air cleaning from the SanificaAria series. Developed for use with smartphones and tablets. Ideal for application on site with quick access to single equipment or to automatic test devices. The optical interface used by B.connect (per flashlight of the smartphone camera, unidirectional) is not compatible with luminaires which are equipped with the Opticom interface.

Version for Android starting from 5.0 and iOS starting from 11.0

Documented software version: 2.4.9 / Build 2490

PROGRAMMING

- Cooperation mode with NuBe
- System parameters per system
- Operating mode resp. switching per luminaire or supply device (self-contained supply, only at maintained mode)
- Test parameters per system (self-contained supply)
  - date
  - time
  - duration
  - cycle
- Binary division of all luminaires, supply devices and supply modules in the monitoring groups „Even“ and „Odd“ per system (self-contained supply)
- Disinfection times per equipment (SanificaAria)

COMPATIBILITY

- Systems with self-contained supply

Autotest:	yes
CableCom Connect (20151):	yes
Logica S Connect (12100C):	yes
Logica S Connect (12100C) + Logica Z (12131C):	no
Logica FM (21102):	yes

- Systems with decentral supply

NGB:	no
Sicuro24:	no

- Systems with central supply

NZB:	no
Sicuro230:	no

- Systems with general lighting

Smart Lighting:	no

FUNCTIONS

MONITORING - DECENTRAL TEST DEVICE AUTOTEST

- manual execution of a function test

MONITORING - CENTRAL TEST DEVICES

- automatic or manual execution of a function test
- automatic or manual execution of a duration test

CONTROL

- manual switching (on / off) of the maintained mode in mains operation per luminaire and supply device (self-contained supply)
- manual switching (on / off) of the room air cleaning per equipment (SanificaAria)
- manual selection (in 3 steps) of the fan speed of the room air cleaning per equipment (SanificaAria)

SIGNALLING - CENTRAL TEST DEVICES

- current status in online mode in graphical and numerical format per luminaire, supply device and supply module (self-contained supply)
  - operational condition
  - operating mode resp. switching
  - faults
  - tests
- faults in online mode per luminaire, supply device and supply module (self-contained supply)
  - lamp
  - communication fault
  - battery fault
- tests per system depending on used test device (self-contained supply)

Order code	Description
20109	SD Manager

SD MANAGER

Programming and analysis software

Software for central programming and analysis of complex safety lightings with self-contained supply and general lightings with Smart Lighting. Developed for use with desktop computers and laptops. Ideal for application at the commissioning as well as for failure search and maintenance of the systems.

Version for Windows XP (32 / 64 Bit), Windows VISTA (32 / 64 Bit), Windows 7 (32 / 64 Bit), Windows 8 (32 / 64 Bit), Windows 10 (32 / 64 Bit) and Windows 11

Documented software version: 2.67.0

PROGRAMMING

- Import of layout plans as DXF/DWG file
- Textual and graphical assignment of all luminaires, supply devices and supply modules
- System parameters per system
- Operating mode resp. switching per luminaire or supply device (only at maintained mode)
- Test parameters per system (self-contained supply)
  - date
  - time
  - duration
  - cycle
- Free assignment of luminaires to groups per system
- Configuration of control inputs and control outputs (self-contained supply)
- Sensor management per equipment (general lighting with Smart Lighting)

COMPATIBILITY

- Systems with self-contained supply

Autotest:	no
CableCom Connect (20151):	no
Logica S Connect (12100C):	no
Logica S Connect (12100C) + Logica Z (12131C):	no
Logica FM (21102):	yes

- Systems with decentral supply

NGB:	no
Sicuro24:	no

- Systems with central supply

NZB:	no
Sicuro230:	no

- Systems with general lighting

Smart Lighting:	yes

FUNCTIONS

MONITORING

- automatic or manual execution of a function test (self-contained supply)
- automatic or manual execution of a duration test (self-contained supply)

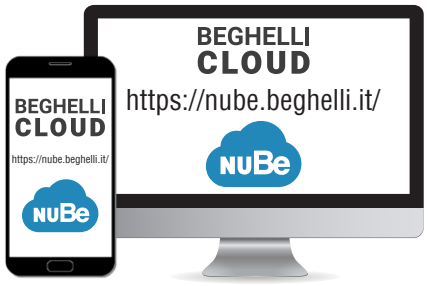
CONTROL

- manual switching (on / off) of the maintained mode in mains operation per luminaire and supply device

SIGNALLING

- current status in online mode in graphical and numerical format per luminaire, supply device and supply module
  - operational condition
  - operating mode resp. switching
  - faults
  - tests (self-contained supply)
- faults in online mode per luminaire, supply device and supply module
  - lamp
  - communication fault
  - battery fault (self-contained supply)
- tests per system depending on used test device (self-contained supply)
- Energy management per luminaire (general lighting with Smart Lighting)
  - current power
  - possible power at minimal dimming
  - possible power at maximal dimming
  - operating hours
  - Energy consumption related to operating hours
  - Energy saving after renovation with new installed luminaire, related to manual entered power of the previously installed luminaire

Rev.-No. S2024-03



NUBE Cloud

Cloud for central monitoring and control of complex safety lightings with self-contained supply as well as for equipment for room air cleaning from the SanificaAria series. Developed for use with desktop computers, laptops, smartphones and tablets. Ideal for application from an external location, a building management system as well as for maintenance of the systems with quick access to single equipment or to automatic test devices.

Version for Android starting from 5.0, iOS starting from 11.0, Windows 10 (32 / 64 Bit) and Windows 11

Documented software version: 01.01 22-04-21

Go to https://nube.beghelli.it/

Order code	Description
–	NuBe (Basic), costless
NUBE01	NuBe PRO (Professional), license for one central test device for 1 year
NUBE02	NuBe PRO (Professional), license for one central test device for 2 years
NUBE03	NuBe PRO (Professional), license for one central test device for 3 years
NUBE04	NuBe PRO (Professional), license for one central test device for 4 years
NUBE05	NuBe PRO (Professional), license for one central test device for 5 years
NUBE06	NuBe PRO (Professional), license for one central test device for 6 years
NUBE07	NuBe PRO (Professional), license for one central test device for 7 years
NUBE08	NuBe PRO (Professional), license for one central test device for 8 years
NUBE09	NuBe PRO (Professional), license for one central test device for 9 years
NUBE10	NuBe PRO (Professional), license for one central test device for 10 years

PROGRAMMING

- Cooperation mode with B.connect
- Import of layout plans and photos as JPEG file
- Textual and graphical assignment of all luminaires, supply devices and supply modules
- System parameters per system
- Operating mode resp. switching per luminaire or supply device (self-contained supply, only at maintained mode)
- Test parameters per system (self-contained supply)
  - date
  - time
  - duration
  - cycle
- Free assignment of luminaires to groups per system (self-contained supply)
- Disinfection times per equipment (SanificaAria)

COMPATIBILITY

- Systems with self-contained supply

Autotest:	no
CableCom Connect (20151):	yes
Logica S Connect (12100C):	yes
Logica S Connect (12100C) + Logica Z (12131C):	no
Logica FM (21102):	yes

- Systems with decentral supply

NGB:	no
Sicuro24:	no

- Systems with central supply

NZB:	no
Sicuro230:	no

- Systems with general lighting

Smart Lighting:	no

FUNCTIONS

MONITORING

- automatic or manual execution of a function test
- automatic or manual execution of a duration test

CONTROL

- manual switching (on / off) of the maintained mode in mains operation per luminaire and supply device (self-contained supply)
- manual switching (on / off) of the room air cleaning per equipment (SanificaAria)
- manual selection (in 3 steps) of the fan speed of the room air cleaning per equipment (SanificaAria)

SIGNALLING

- current status in online mode in graphical and numerical format per luminaire, supply device and supply module (self-contained supply)
  - operational condition
  - operating mode resp. switching
  - faults
  - tests
- faults in online mode per luminaire, supply device and supply module (self-contained supply)
  - lamp
  - communication fault
  - battery fault
- with use of NuBe (Basic): automatic tests of the last 12 months per system
- with use of NuBe PRO (Professional): automatic tests without limitation per system

Order procedure for NuBe PRO:

1. Release order with order code for the desired duration of the subscription (in years). The order quantity regardingi the selected order code depends on the quantity of central test devices per installation.

   Example:
   For an installation with 3 central test devices and a desired subscription duration of 5 years, NUBE05 must be ordered 3x.
2. Upon order the installation designation, the town of the installation and a valid e-mail address must be stated, to whiich the activation key should be sent.

   Example:
   Luminaire factory Ltd. – Storehouse 01 / Dinslaken / admin@luminairefactory.de
3. Beghelli PRÄZISA Deutschland sends an invoice regarding the order. The activation key which must be entered in the cloud NuBe will be send to the previously stated e-mail address after payment. NuBe PRO is afterwards ready for the use.