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1 Overview

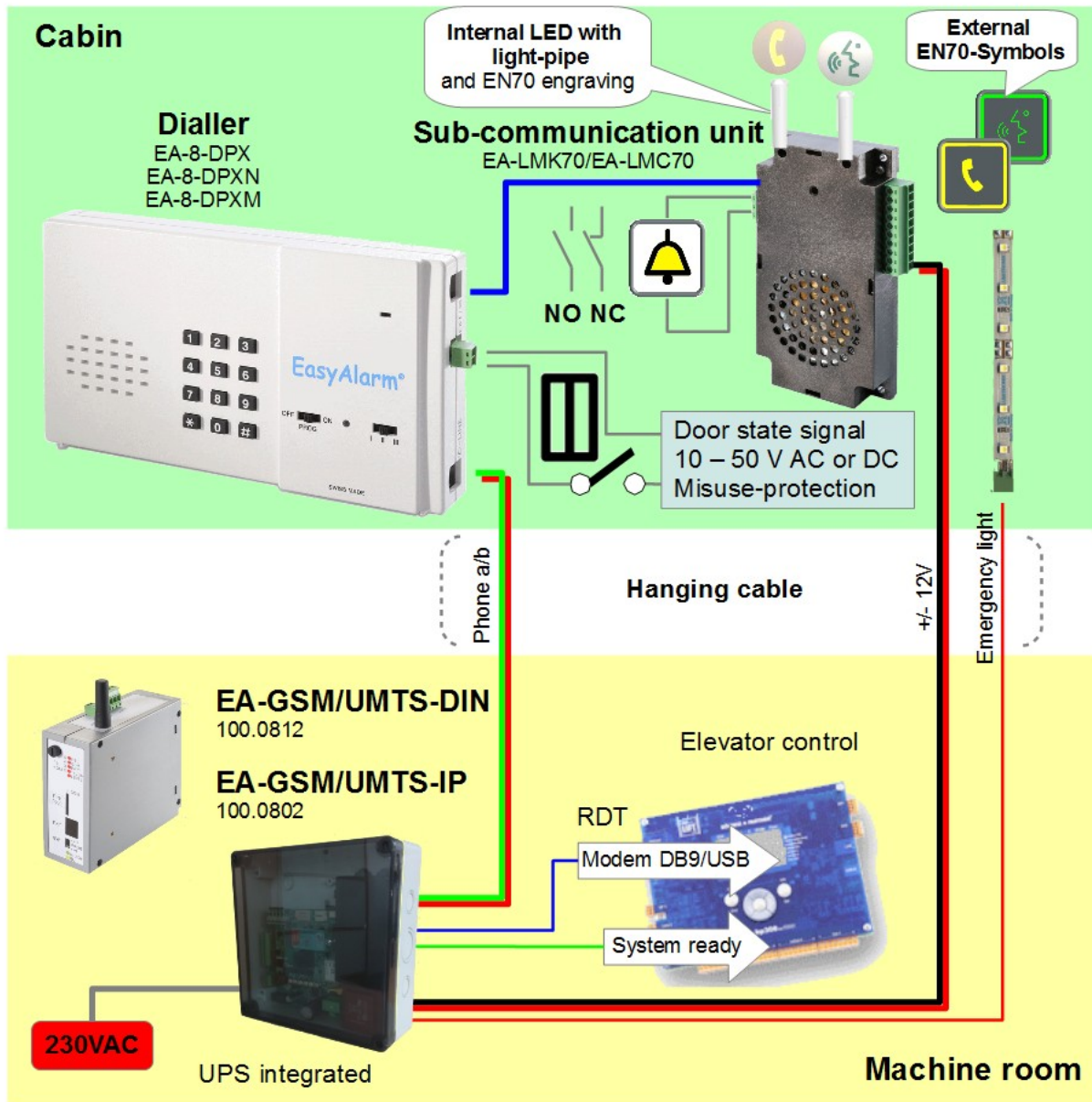
| | | Article-number | | | | | | | |
|--|---|----------------|----------------------------|---------------|-----------------------------|-------------|----------------------------|---------------|--|
| GSM | - | 100.0802B | - | 100.0804B | - | 100.0812B | - | 100.0814B | |
| UMTS & GSM from 3Q/2016 | 100.0801BU LIGHT | 100.0802BU | 100.0803BU LIGHT | 100.0804BU | 100.0811BU LIGHT | 100.0812BU | 100.0813BU LIGHT | 100.0814BU | |
| Emergency-Interface | Gateway for analog diallers | | System Nano | | Gateway for analog diallers | | System Nano | | |
| Software | Fix onboard | Modular | Fix onboard | Modular | Fix onboard | Modular | Fix onboard | Modular | |
| Housing | IP-Box: 182x180x63 mm, 1100 g | | | | DIN: 45x118x138 mm, 400 g | | | | |
| RDT Remote-Data-Transmission with elevator control | | | | | | | | | |
| Modem-Interface DB9 | 100.0850 | 100.0850 | 100.0850 | 100.0850 | 100.0850 | 100.0850 | 100.0850 | 100.0850 | |
| Modem-Interface USB | 100.0851 | 100.0851 | 100.0851 | 100.0851 | 100.0851 | 100.0851 | 100.0851 | 100.0851 | |
| Supply | | | | | | | | | |
| from 230 VAC | ✓ | ✓ | ✓ | ✓ | 118.0117 | 118.0117 | 118.0117 | 118.0117 | |
| from 14.3 VDC | - | - | - | - | ✓ | ✓ | ✓ | ✓ | |
| from 9 .. 35 VDC | - | - | - | - | 118.0119 | 118.0119 | 118.0119 | 118.0119 | |
| Backup 12 V / 1.2 Ah | 100.0880 | 100.0880 | 100.0880 | 100.0880 | 100.0880 | 100.0880 | 100.0880 | 100.0880 | |
| Outputs | | | | | | | | | |
| READY: Relais / Remote | NO/NC / ✓ | NO/NC / ✓ | NO/NC / - | NO/NC / - | NO/NC / ✓ | NO/NC / ✓ | NO/NC / - | NO/NC / - | |
| 12VOUT: Emerg. power 12 VDC (UPS) | ✗ | ✓ | ✗ | ✓ | ✗ | ✓ | ✗ | ✓ | |
| EL: 12VDC / via Nano | ✗ | ✓ / - | ✗ | ✓ / ✓ | ✗ | ✓ / - | ✗ | ✓ / ✓ | |
| SIR: Siren 12VDC | ✗ | ✓ Ready | ✗ | ✓ Hupe | ✗ | ✓ Ready | ✗ | ✓ Hupe | |
| Inputs | | | | | | | | | |
| ALM: 10 .. 50 V AC/DC | ✗ | ✓ Alarm-SMS | ✗ | ✓ Emerg.Calll | ✗ | ✓ Alarm-SMS | ✗ | ✓ Emerg.Calll | |
| ANT: Antenna-jack ✓ incl. 3m-Patch-antenna | SMA ✓ | SMA ✓ | SMA ✓ | SMA ✓ | SMA ✓ | SMA ✓ | SMA ✓ | SMA ✓ | |
| Indicators | | | | | | | | | |
| GSM-reception level | 5 x ● | 5 x ● | 5 x ● | 5 x ● | 5 x ● | 5 x ● | 5 x ● | 5 x ● | |
| Error-State | 4 x ● | 4 x ● | 4 x ● | 4 x ● | 4 x ● | 4 x ● | 4 x ● | 4 x ● | |
| READY: System ready | ● | ● | ● | ● | ● | ● | ● | ● | |
| COM: Voice / Data | ● / ● | ● / ● | ● / ● | ● / ● | ● / ● | ● / ● | ● / ● | ● / ● | |
| LINE | ● | ● | ● | ● | ● | ● | ● | ● | |
| 12VOUT | ✗ | ● | ✗ | ● | ✗ | ● | ✗ | ● | |
| EL | ✗ | ○ | ✗ | ○ | ✗ | ○ | ✗ | ○ | |
| SIR | ✗ | ● | ✗ | ● | ✗ | ● | ✗ | ● | |
| ALM | ✗ | ● | ✗ | ● | ✗ | ● | ✗ | ● | |
| General | | | | | | | | | |
| Approval | CE, TÜV Austria | | | | | | | | |
| Programming | via SMS, z.B via WinMOS®300 / System Nano using APP | | | | | | | | |

LIGHT-Versions: Software onboard (not modular), reduced In-/outputs

2 Application examples

2.1 Gateway: Elevator call using EasyAlarm / Exicall => 100.08x1/100.08x2

Up to four (eight) dialler EasyAlarm/Exicall can share one EA-GSM/UMTS-Interface



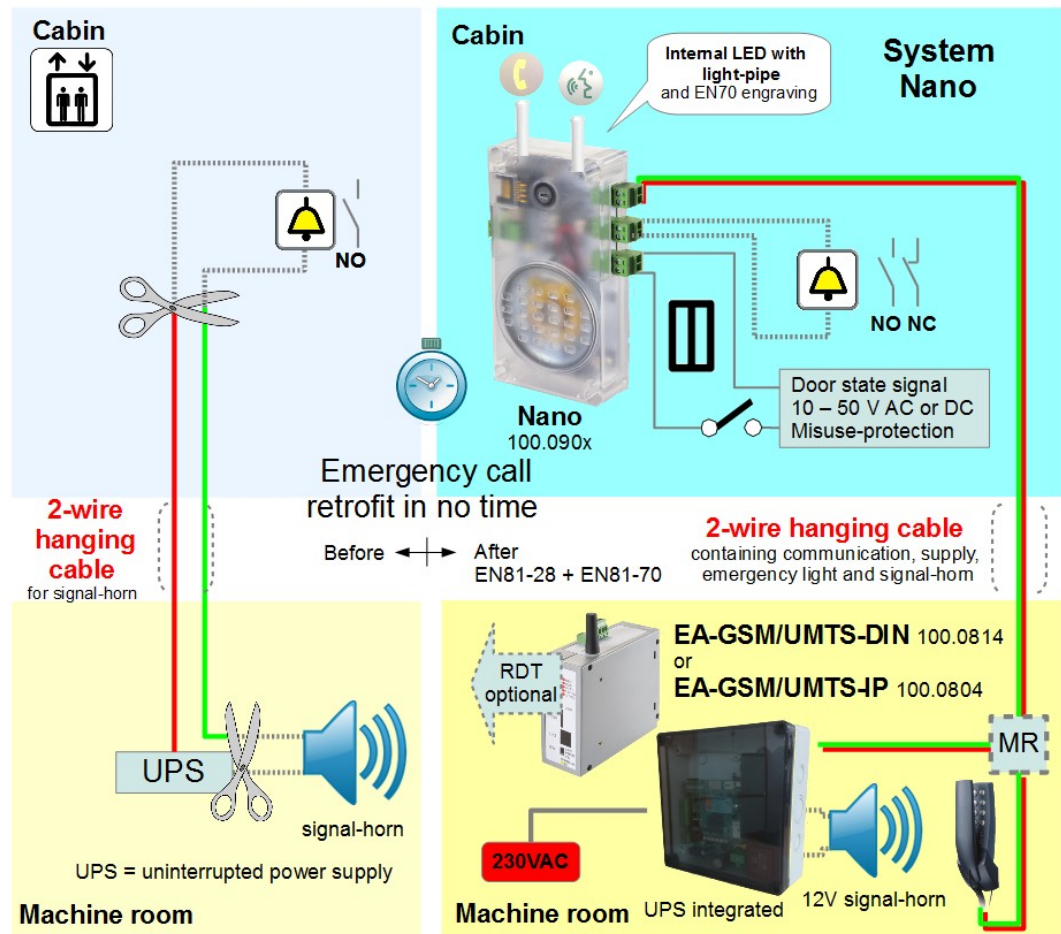
Replacing the analogue telephone line for emergency equipment or EasyAlarm EXICALL

- The emergency call over mobile network is a cost effective alternative to landline
- Minimizes installation costs (no landline required)
- Minimizes fix costs selecting appropriated subscriptions or prepaid
- Free choice of network provider, for example, Leitronic M2M SIM
 - supports ALL Provider (best coverage)
 - Monthly flat rate voice 10min / 3 SMS / 1MB data
- The elevator can already be operated during the construction phase

Optional RDT Remote-Data-Transmission with elevator controls: e.g. Böhnke+Partner, KW Aufzugstechnik, Kollmorgen, Langer+Laumann, Newlift, Rekoba, RST, Strack etc.

An existing modem dial-up will be disconnected, if a telephone connection must be established
☎ telephone connection has priority over data connection!

2.2 Elevator emergency System Nano => 100.08x3/100.08x4



With only two wires, the unit Nano will be connected to EA-GSM/UMTS-Interface enabling communication, supply of status lights and the emergency light. Nano is compliant to EN81-28 and EN81-70 and provides local connectivity options such as the "emergency call button input" or "Alarm horn output."

Additional connectors:

Door contact input signal = Misuse-protection

If during the pre-alarm (= max. cabin travel time) a change in signal is detected, the call will be terminated.

Emergency light output for external LED

The emergency light is activated when the supply on the EA-GSM/UMTS-Interface or the system-contact "ready" is lost.

Accessory socket

For additional communication-unit in or on top of the cabin.

Another plus: The new system Nano is easy to program via SMS (eg, via call-center solution WinMOS®300). Alarm numbers, identification, max. travel time can be transmitted or queried via SMS.

Optional RDT Remote-Data-Transmission with elevator controls: e.g. Böhnke+Partner, KW Aufzugstechnik, Kollmorgen, Langer+Laumann, Newlift, Rekoba, RST, Strack etc.

Restriction

- One System Nano per elevator
- ☞ otherwise use dialler EasyAlarm / Exicall.

2.3 Gateway: Replacement for analogue landline => 100.08x1/100.08x2

Replacing the analogue landline for telephone or alarm devices (e.g. EasyAlarm or EXICALL).

- Cost-effective alternative to landline
- Blackout secure replacement of ALL-IP
- Minimizes installation costs (no landline required)
- Temporary installation possible (Minimum costs, ready to use)
- Minimizes running costs
- Provider can be changed at any time
- Free choice of network provider, for example, Leitronic M2M SIM
 - supports ALL Provider (best coverage)
 - Monthly flat rate voice 10min / 3 SMS / 1MB data
 - free online portal access for monitoring
- Integrated backup function / emergency light etc.
- Data interface (DB9 / USB)

