SafeRoute STL-G 722 / 822

Escape route terminal with protection class IP54

Benefits at a glance:

- Suitable for outdoor areas thanks to protection class IP54 with dust and splash-water protection
- Terminal with special flush-mounted emergency button
- Fully-fledged surface-mounted terminal with robust metal frame and all necessary seals
- Certified in accordance with EltVTR and EN 13637
- Factory pre-configuration
- Can be commissioned without software
- Compatible with the entire SafeRoute portfolio, e.g. remote control units, additional emergency buttons for bidirectional escape routes, key-operated buttons, IO modules
- Integrated control functions for dormakaba SVI/SVA/SVP motorized locks
- Many parameters can be set with the TMS Soft software
- Can be networked with optional accessories via LON or LAN/TCP-IP

Securely locked for everyday use, quick and easy to open in case of danger:
The SafeRoute escape route security system enables various and often conflicting door requirements to be combined intelligently, including outdoor areas and areas with dust and splash water. The SafeRoute surface-mounted terminal STL-G 722 / 822 is fully integrated into the entire SafeRoute portfolio and enables the use of all functions possible with the Standard and Premium license levels, such as logic functions and interlock controls – simply made for everyone, made simple for everyone.

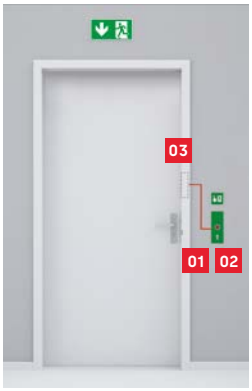
The STL-G 722 / 822 comes with a green surface-mounted terminal for connection to an on-site 24V power supply or via the DCW® system bus or dormakaba power supply units. For protection class IP54, the terminal has a flush-mounted emergency button and a sealed cable entry frame.

The terminal can be combined with the Standard or Premium license cards. Alternatively, connection to a higher-level control system is possible, consisting of another terminal or a remote control unit in the indoor area, for example. The entire range of functions is identical to the rest of the SafeRoute portfolio.

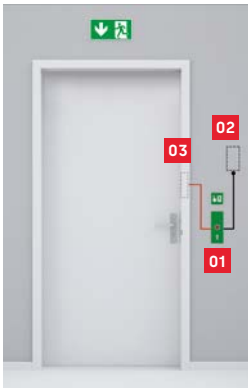
The STL-G 722 / 822 is primarily used to connect the system's own SafeRoute door interlocks via the 4-wire DCW® system bus. If analog interlocks are specified by the customer (e.g. special weather-resistant holding magnets), the familiar STV-A adapter can be used to connect them.

Factsheet

Application examples



01 Flush-mounted terminal STL-G 722 / 822
02 SLI Standard license card
03 Door locking device STV 5xx



01 Flush-mounted terminal STL-G 722 / 822
02 Indoor power supply and control unit: NT-G1 power supply unit housing, NT 24-5 power supply unit and SCU-DR with SLI Standard license card
03 Door locking device STV 5xx

Technical data

Version	Supply set
Design	Flush-mounted terminal
Operating voltage	24 V DC +/–15%
Color	Green, similar to RAL 6001
Cylinder hole	Prepared for Euro profile half cylinder 30/10 or Swiss round cylinder
Output voltage	24 V DC +/–5%
Current load per output	Max. 1 A
Protection class	IP54
Temperature range	–10°C to +55°C
Relative humidity	93% (non-condensing)
Dimensions (WxHxD) approx.	95 x 253 x 96 mm (including cable entry)
System wiring	Uniform DCW® system bus
Total DCW® system bus length	Maximum 300 m
Separate emergency shutdown circuit	Not required
Cable recommendation	J-Y(ST)Y 2x2x0.6 or 2x2x0.8
Inputs on the integrated emergency button	2
Additional inputs via ST-VP (available separately)	2
Outputs on the integrated emergency button	2, GND-switching
Outputs via ST-VP (available separately)	2, potential-free relay contacts (parameterization is always identical to the GND-switching outputs)
Key switch and button	Integrated in the terminal
Connectable DCW® devices	All, up to 4 per device type
Connection of analog door-locking devices[1)]	Via STV-A adapter (available separately)
SVA/SVI/SVP motorized locks control unit	Full range of functions with Standard or Premium license card via DCW® system bus
Commissioning with standard parameters	Software-free via universal button
Selection of static or pulse actuation for triggering the door release	Adjustable via TMS Soft; or selectable without software when using the separately available ST-VP distributor board
Certifications for doors in escape and rescue routes	EltVTR and EN 13637
Parameterization of functions	Via TMS Soft software from version 5.0
Can be networked via LON or LAN TCP/IP	Yes (with separate network adapter)
Connection to SCMC central escape route control system (network adapter required)	With SLI Standard remote control and visualization; plus security functions with SLI Premium
Combinable emergency exits and panic door locking systems	All EN 179 and EN 1125 makes

[1)] Certifications according to EN 13637, approvals according to EltVTR and technical data of the analog locking devices must be observed.
[2)] EN-13637 function.
Admissibility at the place of use, building permits, national regulations, etc. must be observed.
[3)] Dimming to zero is not permitted in accordance with EN 13637. Admissibility at the place of use, building permits, national regulations, etc. must be observed.

Range of functions

Release
- Via emergency button (with alarm trigger)
- Via external alarm system (fire detection system, etc.)
- Via central escape route control system (with SLI Premium license card)

Unlock
- Adjustable short-term and long-term unlocking
- Permanent door release

Lock
- After expiry of the respective door release type
- After alarm reset
- If the door has not been opened following activation of the emergency button[2)]
- When power is restored after a power failure

Alarm management
- Adjustable alarm volumes
- Time limit for acoustic alarm signaling
- Activating/deactivating individual alarms

Connectivity
- External key switch (DCW® or analog)
- SVI/SVA/SVP, M-SVP motorized locks (DCW®)
- DCW® I/O modules
- Additional emergency buttons (e.g. for bidirectional escape routes)
- Remote control units, e.g. SCU-DR or SCU VdS for connection to intruder alarm systems in accordance with VdS class C

Parametrization/visualization/control with TMS Soft
- Via local RS232 interface
- LON or LAN TCP/IP (via optional network adapter)

Parameterization of inputs and outputs
- Emergency button in the STL-G 722 / 822
- Optional DCW® I/O modules

Additional functions
- License-dependent (see below)

Panel functions (SCMC)
- License-dependent (see below)

Miscellaneous
- Setting of LED light ring brightness in 256 levels[3)]
- The optionally available SES-AP escape route sign can be used for EN 13637 and EltVTR-compliant labeling.

Some of the functions mentioned above depend on the license card used. This can be inserted into the STL-G 722 / 822 itself or into a higher-level control unit (in this case, the STL-G 722 / 822 functions purely as an operating terminal). For example, another surface-mounted or flush-mounted terminal, an SCU-DR top-hat rail control unit, an SCU VdS or a SafeRoute Basic set can be used as a higher-level control unit.

Subject to technical modifications.

Any questions? We would be happy to advise you.

dormakaba International Holding AG | Hofwisenstrasse 24 | CH-8153 Rümlang | info@dormakaba.com | dormakaba.com