



Operations terminal

TEREX

The **TEREX** is an operations terminal that controls several Alligator 64 central management controls. It is used to manage a set of emergency exits kept locked using electrical locking element connected to the central management control systems. Its use as an operational assistance is subject to the installation rules covered by the NF S 61-932 standard.

In an emergency, these exits can be unlocked in three ways as per the standard:

- either by automatically securing all the exits from the area in question using the upstream general evacuation system,
- or by activating the control to secure the area in question from the central management control,
- or by local action on the open request system placed near the exit causing automatic unlocking after an 8 second timer (T1), the lock can be kept shut from the



central management control for up to 3 minutes (T2) to allow the visual inspection of the exit in question.

Functional specifications

The **TEREX** is the control system core and provides the following functions:

- management of communications to centralised parts. These communications transmit the central management control system and emergency exit statuses, as well as emergency exit extension, locking and unlocking controls,
- the system statuses are managed using standard inputs (power supply, fibre connection, etc.),
- viewing and continuous notification of associated system statuses,
- exit control and indication: locking, unlocking, security,
- zone control and indication: standby, safety, security,
- viewing of open requests with timer extension management,
- viewing of zone statuses and of the central parts of the associated central management controls,
- internal configuration (timestamping, description, etc.),
- CDP5 panel management allowing remote zone unlocking (option),
- CDP1 system management allowing remote extension controls (option).



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Technical specifications

- The mother-board, which is built around ARM processors, contains: RAM, flash extension, native IP connection, multiple serial connections (1 x RS232 and 2 x RS485), USB connection, screen interface.
- The 4.3 inch TFT 16/9 colour screen (100 x 56 mm) has 420 x 240 resolution.
- The 3 U 19 inch format front face (max. depth 150 mm) includes keys, indicators and connection technology.
- Power supply: 24 Vdc
- Consumption: 250 mA
- LINUX operating system
- Built into the 3 U 19 inch rackable console box

Installation overview

