TL Touch Line door entry systems

SUPPLY CENTRAL UNIT WITH 1 OUTPUT

front view - side covers off | side view | back view
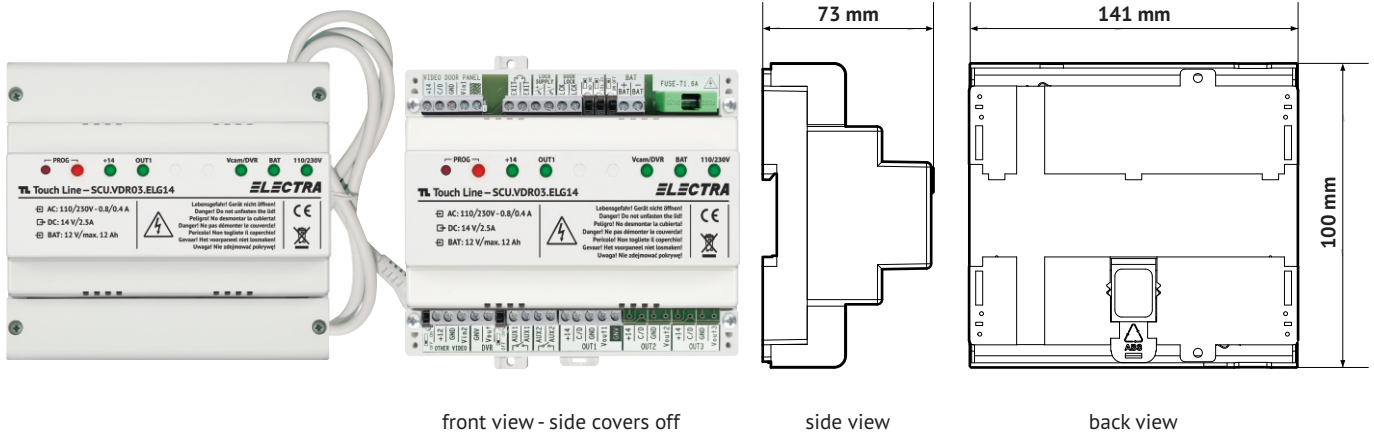
Product codes

○ SCU.VDR03.ELG14

Features

○ The supply with electrical power of the entire door entry system;
○ Permanent diagnosis of the system functioning and various light signaling;
○ Overload protection for the input and output current;
○ Accidental overvoltage protection;
○ Enabling/ disabling the system programming mode;

○ 1 input connection for the outdoor panel;
○ 1 output connection for a connection box or a terminal;
○ Direct connections for other additional devices:
  - External video camera (analog, PAL/SECAM, 1 Vp.p.)
  - Diverse door locks (AC/DC, 12/24V; max.3A; NO/NC)
  - Door lock additional power supply;
  - Auxiliary systems - AUX (1,2): auto gate, garage door, outdoor lighting, etc.
  - EXIT button for inside opening of the door/ gate;
  - Video recording devices (DVR);
  - Rechargeable battery (12Vd.c., 12Ah).

Mechanical characteristics

○ Fireproof ABS case (PA6.6 + FS 10%) - IP 31
○ UL certified printed circuit board
○ DIN rail (TH 35 x 15/ 35 x 7,5; DIN 46277-3, EN50022, IEC60715 standard) or surface mounting
○ Size: 130 x 140 x 73 mm
○ Weight: 0.4 kg
○ Operating temperatures: 0°C ... +45°C

Electrical characteristics

○ Power supply voltage: 110/230Va.c. - 50/60 Hz (from a grounded socket)
○ Output voltage: 13,5 - 14,0 Vd.c. max. 2.5Ad.c.
○ Available electrical connections: screw connectors
○ Light signaling:
  - **PROG** - Red LED: enabled programming mode
  - **+14** - Green LED: presence of 14V (± 5%)/2.5Ad.c. stabilized tension
  - **OUT1** - Green LED: correct supply of the system
  - **Vcam/DVR** - Green LED: correct supply of the additional video camera
  - **BAT** - Green LED: presence of the battery and its well-functioning (12Vd.c., 12Ah)
  - **110/230V** - Green LED: presence of grid tension
○ Recommended cables:
  - Any cable with 4 Wires/ min. 0.5 mm^2
  - UTP/FTP cat5e (AWG24) or UTP/FTP cat6 (AWG23)

Standards

The following standards and technical specifications have been applied:
SR EN 60950-1:2006 + A1:2011 + A2:2014 + A11:2009 + A12:2014 + AC:2011 + C91:2010;
SR EN 55022:2011 + AC:2011; SR EN 55024:2011 + A1:2015; SR EN 61000-3-2 2015; SR EN 61000-3-3:2014.