

ES Line fire alarm control panel

- ✓ Up to 8 detector zones with up to 30 detectors per zone
- ✓ Connection for Series 9000 fire detectors without switch-on-control and Series IQ8Quad (without loop isolator) in conventional mode
- ✓ Single Zone Indicator
- ✓ LCD Display with 8 lines each with 40 characters
- ✓ Preconfigured templates for fast commissioning
- ✓ Menu-guided commissioning via operating unit – no further aids necessary
- ✓ Operating modes PM* and TM** for false alarm prevention
- ✓ Integrated interface for the transmission unit connected to the fire brigade and for the fire brigade operating panel
- ✓ Numerous IN/OUTputs freely configurable

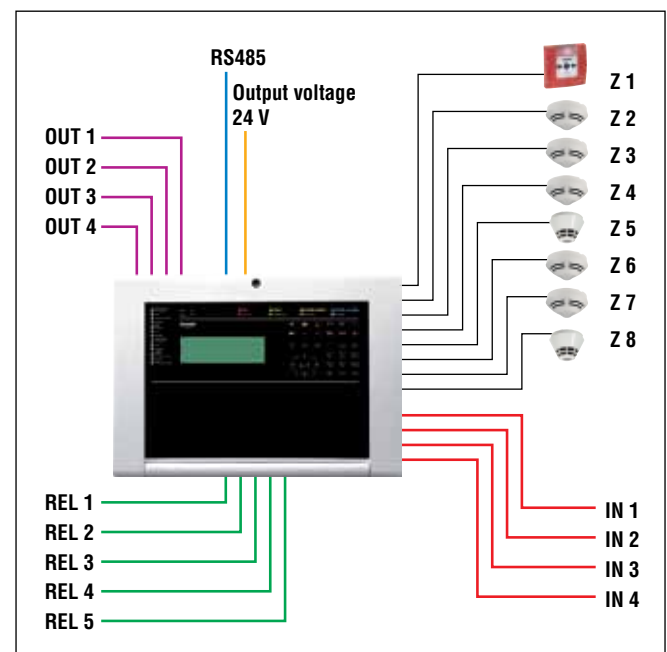


ES Line – all-inclusive:

professional security technology for smaller facilities

The ES Line fire alarm control panel is the professional safety solution for smaller facilities. Cost-effective. Simple. Completely ready for immediate commissioning. Accordingly, stores, handicraft firms, law firms, restaurants, kindergartens, doctors' practices and even large apartments as well as single- and multi-family houses can be monitored effectively. In this way, the ES Line fire alarm control panel not only provides reliable trouble and hazard display, it is also able to forward alarms to assisting services like the fire brigades. The ES Line is a small fire alarm control panel that complies to all requirements of the DIN, EN and VdS standards and requires no add-ons for professional safety technology.

In combination with the high-performance Series 9000 and Series IQ8Quad detectors (without isolator, in conventional mode) the ES Line provides optimum basic protection against fire hazards. In the largest configuration level, up to 240 automatic detectors can be connected to it. All indications are clearly grouped, and all indications are also shown in plain text using the LCD display. The operation of the control panel is practically intuitive.



Specification of the individual connections:

Z1 to Z8:	Zones 1 to 8 (max. 1000 m)
IN1 to IN4:	Input 1 to 4 programmable, (3 and 4: monitored)
OUT 1 to OUT 4:	OUT 1 to 2: Output for transmission unit alarm and fault OUT 3 to 4: Output for alarm signalling (monitored, programmable), 24 V / 500 mA each
REL1 to REL 5:	Relay 1 to 5 (not monitored)
RS485:	Serial Interface (for FBOP, FAT)
Output voltage:	For external peripheral (24 V / 500 mA)
IN x / OUT x / REL x:	freely programmable / configurable

* PM: Verify/delay

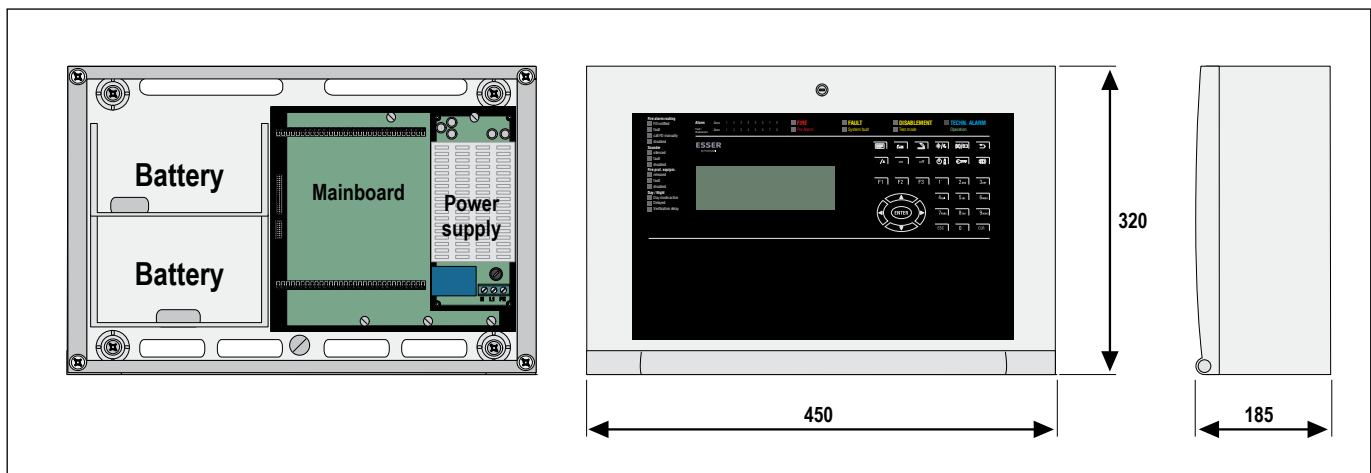
** TM: Alarm intermediate storage, two-zone dependency for deceptive alarm suppression

Simple and cost-effective:

Since it is an "everything included" system, apart from the batteries no additional modules, interfaces or cards etc. are required. You get everything that a professional fire alarm control panel has "on board". Regardless of whether the fire alarm control panel is used as a simple domestic alarm system or connected to the fire brigade: fire brigade operating panel interface, transmission unit interface, standard interface for extinguishing device as well as other outputs for alarm installations and fire protection facilities are all already available. As regards installation and commissioning, the control panel is completely set up for the demands of the professional performing the installation as it has spacious cable entries

and penetrations; all connections are designed using plug/screw technique. The installation is menu-controlled directly on the control panel without any other aid such as PC, laptop, etc.

The ES Line fire alarm control panel provides real "compact power" for the user, optimally meeting all the basic requirements of preventive fire protection with its professional performance features. It provides not only an excellent price-performance ratio, but with its simple installation, it also proves itself as an economical small fire alarm control panel with professional safety technology.



Specifications

Rated voltage	230 V AC
Rated frequency	50 ... 60 Hz
Rated current	0.8 A
Battery capacity	2 x 12 V / 12 Ah
Operating current for external load	Max. 1.5 A
Ambient temperature	-5 °C ... 45 °C
Storage temperature	-5 °C ... 50 °C
Protection	IP30
Housing	ABS, 10 % glass fiber reinforced, V-0
Color	gray, similar to Pantone 538
Weight	approx. 5 kg (without batteries)
Dimensions (W x H x D)	450 x 320 x 185 mm
VdS approval	G 212165
CPD identification number	In licensing procedure

Ordering information

Part No.

ES Line fire alarm control panel, 8 groups, English	809041.02
ES Line fire alarm control panel, 8 groups, German	809041.01

For further order data, please refer to the product line catalog for fire alarm systems.