Product datasheet

Specifications

Fire detection panel, Esmi Sense FDP252

FFS00703920GB

Main

Range of product	Esmi fire detection panels
Product or component type	Control panel
Number of batteries	2 x 12 V 17 Ah
Colour	Cover: light grey (NCS S 1005-R80B) Frame: dark grey (NCS S 7502-B)
Maximum allowed current consumption	1.0 A at 24 V DC standby 4.8 A at 24 V DC alarm

Complementary

Mains supply power	165 VA
Mains supply voltage	230 V AC +/- 10 % at 50...60 Hz
Operating voltage range	19...30 V DC
Device composition	cover in plastic frame in sheet steel/plastic back frame in sheet steel
Height	580.0 mm
Width	430.0 mm
Depth	142.0 mm
Product weight	10.6 kg without batteries
Number of loops	8 addressable
Number of addresses	0…250 addressable devices for ELC 0…159 addressable detectors and call points for SLC 0…159 other modules for SLC 0…126 addressable devices for ALC
Optional circuit board slots	5 optional circuit board
Product compatibility	Fireman's panel FMP Protocol repeater REP/REPX-OB Delay alarm panel DAP Logical controller MCO/MCOX-OB Multi protocol converter MPO/MPOX-OB
Maximum number of panels in inter-panel networks	32
Maximum number of zones per panel	250
Maximum number of zones in inter-panel networks	8000
Highest zone number	9999

Environment

Standards	EN 54-2 EN 54-4
Relative humidity	0…94 % non-condensing
Ambient air temperature for operation	5…40 °C
Ambient air temperature for storage	0…50 °C
IP degree of protection	IP30

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	48.2 cm
Package 1 Width	17.2 cm
Package 1 Length	67.6 cm
Package 1 Weight	11.66 kg

Contractual warranty

Warranty (in months)	24

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**549 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**125 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**70 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**333 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**19 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**7ea6458d-1865-40bb-bf41-0b99bb255198**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**62**
End of life manual availability	End of Life Information
Removable battery	**User replaceable**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**