



DZ1195

AlgoRex

Line test set



collective, AnalogPLUS, interactive

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- Universal device for the final testing of installed fire detection lines
 - For loop and stub lines
 - Performance check for open line, short circuit and ground fault
 - For battery and mains operation
 - Handy plastic housing

Application

- The DZ1195 line test set is contained in a case and consists of the DZ1195-AA line test unit, the DZ1195A-AB end-of-line unit and the mains adapter 240 VAC / 6 VDC.
- The line test unit helps the installer or system supervisor to check installed fire detection lines before the control unit is connected.
- Detection lines can be tested for correct wiring with or without detectors inserted. Loop lines can be tested directly. Stub lines require the special DZ1195A-AB end-of-line unit.
- The DZB1191 base tester is in general used to check for correct wiring, see product data sheet, doc. no 001049.

Function

Lines without detectors

- If fire detection lines are tested without detectors inserted, the DZ1195-AA line test unit can determine:
 - whether the loop line is closed
 - whether the stub line is continuous up to the last detector
 - whether there is a short circuit or ground fault and
 - whether the end of the line has the correct polarity
- However, it cannot determine whether there is double reversed polarity in one or more bases. This can only be done with the DZB1191 base tester.

Lines with detectors

- Fire detection lines with detectors inserted are fully tested for correct polarity.

Technical data

Supply voltage	6.0 VDC
Quiescent current	15 mA
Current consumption during measurement	20... 350 mA
Detector line voltage	23... 28 VDC
Detector line current	≤40 mA
Operating temperature	-20... +50 °C
Storage temperature with battery	-20... +70 °C
Humidity	≤95 % rel.
Dimensions (W x H x D)	138 x 190 x 45 mm

Details for ordering

Type	Part no	Designation	Weight
DZ1195	BPZ:5214400001	Line test set (case)	1.650 kg
commercial	–	Alkali-Mangan. battery Ø14.5 x 50.5 (MN) 1.5 V 1.5 Ah (4 pieces are necessary)	–
DZ1195-AA	BPZ:5214370001	Line test unit	–
DZ1195A-AB	BPZ:5214530001	End-of-line unit	0.180 kg