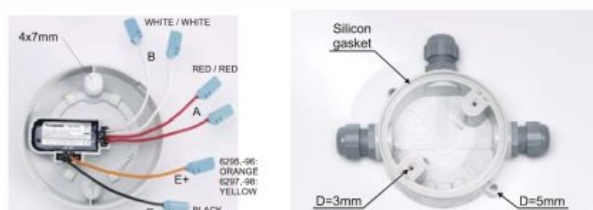


Type numbers	
6295	Enclosed heat detector, 57°C, class A2 S (54 to 70°C).
6296	Enclosed heat detector, 72°C, class B S (69 to 85°C).
6297	Enclosed heat detector, 87°C, class C S (84 to 100°C).
6298	Enclosed heat detector, 117°C, class E S (114 to 130°C).
3390	Label holder (100 holders per packet, excl. labels).
3391	Labels for 3390 (10 sheets à 132 labels)



Detector mounting holes, 2x(4x7 mm) c/c = 70 mm. E+/E- = Ext. LED. A/B = zone line in/out (or end-of-line device). Connectors for wire diameter 0.6 - 1.2 mm (approx. 0.3 - 1.13 mm<sup>2</sup>). Connection box mounting holes, 2x(5 mm) c/c = 108 mm. The connection box is prepared for required number of compression glands, one, two or three. A gland is approx. 30 mm high.

Technical data	
Voltage (V DC) rated allowed normal	24 12-30 24 (zone line voltage)
Current consumption at nom. voltage, quiescent (mA)	0
Current limitation required, when active (mA) (EBL equipment has current limitation.)	6295-6297: Must be min. 6 and max. 40 6298: Must be min. 6 and max. 30
Ext. LED output voltage (V) current output (mA)	Zone line voltage minus 2 V Max. 10 (no internal current limiter)
Alarm resistance (Ω)	For 6295-6297: approx. 400. For 6298: approx. 680
Internal capacitance (nF) Internal inductance	For 6295-6296: max. 50 For 6295-6296: 0
Ambient temperature (°C) operating (Min. / Typical / Max.) storage	6295 (A2 S): -40 / +25 / +50 6296 (B S): -40 / +40 / +65 6297 (C S): -40 / +55 / +80 6298 (E S): -40 / +85 / +110 -45 to +70 -45 to +70 -45 to +70 -45 to +70
Ingress Protection rating	IP67 (attached conn. box, silicon gasket and compression glands required)
Static response temperature	57, 72, 87, or 117°C depending on detector / class. See text.
Size Ø x h (mm)	Detector: 95 x 42      Connection box: 100 x 35 Detector + Connection box: 100 x 75 (excl. compression glands)
Weight (g)	Detector: 82      Connection box (incl. 3 glands): 134
Construction	Body (6295, 6296): ABS Body (6297, 6298): Modified Polycarbonate. Protector (on the body) & Connection box: Modified Polycarbonate.
Colour	Grey (N8, Munsell colour code)
Approvals	CE 05 EC Certificate no. 0845-CPD-232.1192 (6295); EN54-5 CE 05 EC Certificate no. 0845-CPD-232.1193 (6296); EN54-5 CE 05 EC Certificate no. 0845-CPD-232.1194 (6297); EN54-5 CE 05 EC Certificate no. 0845-CPD-232.1195 (6298); EN54-5
ATEX classification (for 6295 & 6296 only)	6295: Ex II 3GD EEx nA II T5 (T100°C), -40°C ≤ T <sub>a</sub> ≤ 50°C 6296: Ex II 3GD EEx nA II T5 (T100°C), -40°C ≤ T <sub>a</sub> ≤ 65°C

All technical features and data are subject to changes without notice, resulting from continuous development and improvement.

Product Leaflet	Date of issue	Revision / Date of revision
MEW00132	2001-10-19	9 / 2008-10-10