

The Gent 3295 Extinguishant Control Panel is used to monitor and control the operation of Gent fixed extinguishing systems, regardless of the type of extinguishing agent employed.

Developed to meet the recommendations of BS 7273 and to help eliminate the possibility of accidental discharges, the unit also meets the requirements of all other appropriate standards and EC Directives.



Gent 3295 Extinguishant Control Panel

Features include:

- Two detection circuits
- Manual release facility
- Remote hold facility
- Two monitored first stage sounder circuits
- Continuous or pulsed second stage sounder circuit
- Supports solenoid or metron actuators
- Remote operation of sounders and system reset
- Zone and signalling isolate facility
- Remote status indication available with a manual release option
- Internal diagnostics and fault indications via an internal L.E.D. array

STATUS INDICATION

A range of status indicators offers remote indication and control.



03296-52

03269-40	03269-42	03269-52	
•	•	•	Manual only
•	•	•	Manual and Automatic
•	•	•	Disabled
•	•	•	Gas discharged
		•	Discharge imminent
	•	•	Mode select
	•	•	Manual release

C.A.D
services

Note: maximum 3 units per system.

SPECIFICATION

POWER SUPPLY

Mains supply	220-240 V a.c. 50Hz
Auxiliary 24 V d.c.	250mA (Limited)
Battery	6Ah Lead Acid (24hr standby)

ELECTRICAL

Zone Circuits	Two (with individual isolation)	Both circuits must be in alarm before extinguishant is automatically released
Zone Capacity	20 x 7600 series detectors	
Sounder Output	Total load not to exceed 750mA	
First Stage	Two fused @ 500mA	
Second Stage	Single fused @ 500mA	
Actuator Circuit	750mA, duration selectable @ 60s or 120s	
Relay Contacts	1 x SPCO, 30 V a.c. @ 1A each	
Alarm	Operates with first stage sounders	
Remote Signal	Operates upon any fire indication	
Second Stage	Operates with second stage sounders	
Common Fault	Operates for any fault or power loss	
Zonal Repeat	One for each detection zone	

MECHANICAL

Size	503mm x 357mm x 111mm (wxhxd)
Weight	6kg (excluding batteries)

ENVIRONMENTAL

Operating Temperature	-5°C to +50°C
Operating Humidity	95% non-condensing

Products referred to in this publication, which are required to meet the EMC Directive (as published in Statutory Instrument 1992 No. 2372, and also Statutory Instrument 1994 No. 3080 - The EMC (amendment) regulations 1994), will be identified by a C.E. mark on the product packaging. All identified products manufactured on, or after 1st January 1996, will be compliant with this device.

Registration applies to products manufactured at the Waterside Road and Barkby Road addresses



Registration No. FM 00046
Assessed to
BS EN ISO 9002: 1994



Quality System
Certificate No. 042
Assessed to
ISO 9002: 1994
Applicable to
Waterside Road address



Quality System
Certificate No. 208
Assessed to ISO 9001: 1994
For System Design, Installation,
Commissioning and Servicing of
Fire Detection and Alarm Systems.
Registration applies to
Waterside Road address.



Certified to LPS 1014
Certificate No. CFA - 118
Registration applies to
Waterside Road address.

4: CONVENTIONAL FIRE DETECTION

Smoke Detectors

GENT

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Optical Detector

Smoke detectors for general fire detection applications.

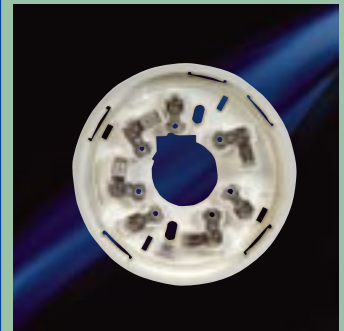
Ionisation smoke detectors are more suited to fast burning, high energy fires whilst optical smoke detectors are suited for slow smouldering fires.

ABS casing with red LED fire indicator.

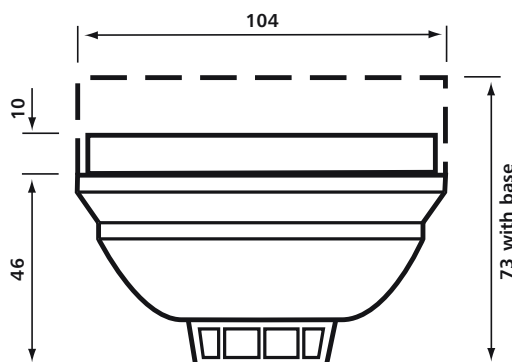
TECHNICAL SPECIFICATION		
Type	Ionisation	Optical
Nominal Voltage	8 - 28V dc	9 - 28V dc
Quiescent Current	15 μ A	60 μ A
Ingress Protection	IP30	IP30
Approx Weight	0.11 Kg	0.11 Kg
Operating Temperature	-10°C to +50°C	
Relevant Standards	EN 54-7	
Approvals	LPCB approved	

Special feature The use of the diode base allows monitoring of a removed detector to comply with BS 5839.

N.B. Maximum of 20 per zone.



Dimensions (mm)



ORDER CODES

Ionisation	17830-01
Optical	17840-01
Common Base	17800-02
Common Base with Diode	17801-02
Base less Diode (surface cabling)	17800-01
Base with Diode (surface cabling)	17801-01
Remote LED module	17899-01
Remote Relay module	17899-44

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4: CONVENTIONAL FIRE DETECTION

Heat Detectors

Heat detectors operate when a certain temperature is reached and are better suited to smokey, dusty or steamy environments than smoke detectors.

High fixed temperature devices are advised for kitchens or boiler rooms. Standard fixed temperature devices are suitable for areas where the temperature fluctuates for natural reasons or due to certain industrial processes.

ABS casing with red LED fire indicator.

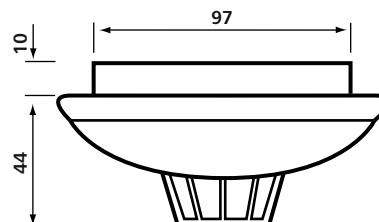


Heat Detector

TECHNICAL SPECIFICATION

Type	Fixed Temp.	Rate of Rise	High Fixed Temp.
Nominal Voltage	28V dc	28V dc	24V dc
Quiescent Current	30 μ A	30 μ A	30 μ A
Ingress Protection	IP30	IP30	IP30
Approx Weight	0.07 Kg	0.07 Kg	0.07 Kg
Operating Temperature	-10°C to +50°C		
Relevant Standards	EN 54 Part 5	EN 54 Part 5	EN 54 Part 8
Approvals	LPCB	LPCB	-
Trigger Temperature	58°C	NA (Factory preset 58°C)	85°C
Sensitivity	Grade 1	Grade 1	Grade 2

Dimensions (mm)



ORDER CODES

Fixed Temperature	17850-01
Rate of Rise	17860-01
High Fixed Temperature	17870-01

4: CONVENTIONAL FIRE DETECTION

Bells

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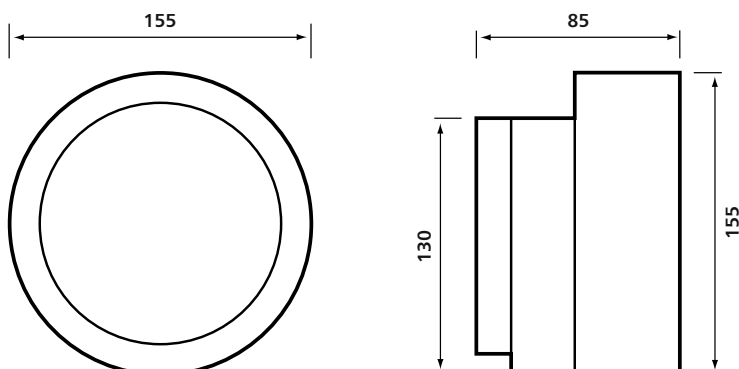
An electric bell for a wide range of uses.

Metal casing available in red or grey finish.

Suitable for semi flush or surface mounting.

TECHNICAL SPECIFICATION		
Type	24V dc	230V ac
Ingress Protection	Standard IP40	Standard IP41
	Special IP55	Special IP55
Approx Weight	1.1 Kg	1.25 Kg
Operating Temperature	Indoor, -10°C to +50°C	
Sound Output at 1m	93dB(A)	96dB(A)
Current at Nominal Voltage	30mA	30mA
Relevant Standard	EN 54-3	

Dimensions (mm)



ORDER CODES

24V dc Bell, Red	12141-04
24V dc Bell, Red, IP55	12143-04
230V ac Bell, Red	12142-09
230V ac Bell, Red, IP55	12144-09
24V dc Bell, Grey	12141-54
230V ac Bell, Grey	12142-59
230V ac Bell, Grey IP55	12144-59

4: CONVENTIONAL FIRE DETECTION

Accessories

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Key Box

A neat circular enclosure in which a key can be kept for use in emergencies.

Particularly suitable for buildings where there is a need for unsupervised emergency exits to be kept locked.

Accommodates keys up to 75mm long.

ORDER CODES

Key Box	08205 - 00
10 Spare Glasses (Plain)	4144 - 007
10 Spare Glasses (Printed)	4144 - 088

LED Call Point

Integral LED, illuminating when call point is operated for ease of identification.

ORDER CODES

Standard	14112 - 05
Surface c/w cover	14112 - 45

Key Operated Call Point

Preventing unauthorised operation for use in areas with a high risk of tampering or vandalism.

ORDER CODES

Standard	14115 - 01
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General Purpose Call Point

For other emergency systems such as poolside drowning alarms or chemical spillage warnings.

ORDER CODES

Standard	14114 - 01
Surface c/w cover	14114 - 41

Spares

Test Keys For testing call points without breaking the glass.

Weather Resistant Kit Allowing a call point to be used externally, providing weather resistance to IP54.

Semi-flush Spacing Kit For part recessing call points.

ORDER CODES

Pack of 10 Test Keys	14112 - 10
Weather Resistant Kit	14112 - 19
Semi-Flush Spacing Kit	14112 - 20
Pack of Ten Spare Glasses	14112 - 09EN

