



GDS120 DATASHEET

AUTOMATIC SMOKE CURTAIN

CE marked and certified to the latest European standards

Smoke Curtains are a form of Active Smoke Barrier (ASB), critical to the Smoke and Heat Exhaust Ventilation (SHEV) strategy of industrial and commercial buildings.

In a fire they create channels or reservoirs from which smoke and hot gases can be extracted, buying time for evacuation and fire-fighting measures.

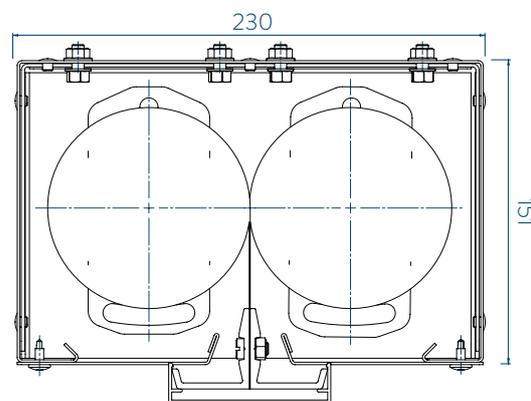
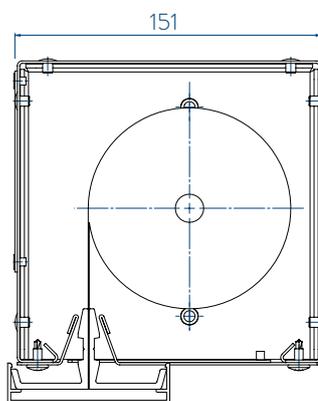
From July 2013 it is a legal requirement that all smoke barrier products installed in the EU must be certified

and audited to the new European Standard EN12101-1. The new standard includes tougher reliability and production control testing, as well as stringent furnace tests.

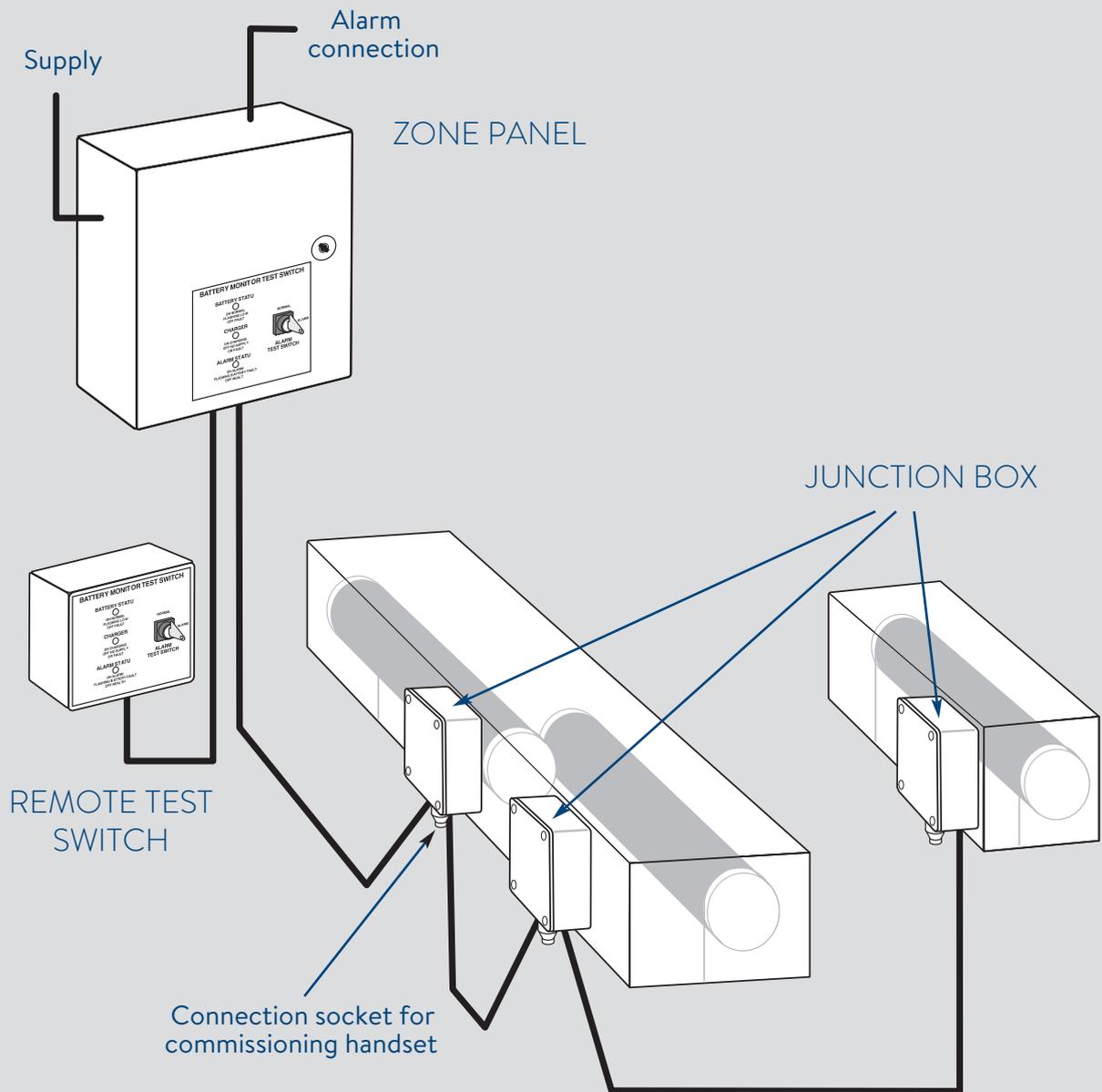
The GDS120 is made in the UK in a controlled production environment to strict quality standards using only European components. It is over-engineered to exceed specifier requirements, giving the end-user the total peace of mind that should come with any fire-safety product.

CERTIFICATION

Certification	CE marked under CPR to EN12101-1
Type	EN12101-1 - ASB 2&4
Temp/time classification	D120
Permeability	<25m ³ /h/m ²
Testing	EN12101-1, EN1363-2, EN1634-3
Factory Production	EN ISO 9001:2008



Guthrie Douglas



TECHNICAL INFO

System width	Unlimited
System drop	<10m (standard)
Zone Panel Supply	230 VAC 50 Hz 5 amp
Fire Alarm Input	Closed Volt free contact, open in alarm
Motor spec	24V DC, 2.5A
Motor Cable Length	2.3m
Curtain speed	0.1 +/- 0.03 m/s
Max weight excl fabric	74-250Kgs

Specified worldwide as part of the fire strategy for new buildings, refurbishments and retrofits, the GDS120 curtain consists of a Polyurethane coated glass fibre fabric on a motorised roller. It is designed for easy installation and maintenance and is supplied with an integrated controls system which links seamlessly to the Building Management System.

The GDS120 lowers to its operational position on receipt of a signal from the fire alarm and retracts when the all-clear signal is given. The self-monitoring battery back-up system ensures that the curtains will fail-safe to the alarm position even in the event of a total loss of power.

Contact us for full specifications, photos and further information.