CROUSE-HINDS SERIES

Explosion-proof Secondary Telephone Bell

High-volume explosion-proof telephone call signalling for indoor and outdoor applications

Overview

The explosion-proof secondary telephone bell is designed for indoor and outdoor applications in potentially explosive industrial areas, e.g in the petrochemical industry.

The high-quality materials have priorily been tested in our laboratory and allow for uses in extreme application areas of the Ex II industry.

The user may choose between single tone, 2-tone, 3-tone or warble-tone using the available DIP switches. Moreover, the tone sequence frequency can be set in 4 steps between 5 and 20 Hz.

Features

- IP 66
- High-volume multitone bell
- Ex em [ib] IIC T6







Eaton FHF Funke + Huster Fernsig GmbH Gewerbeallee 15-19 D-45478 Mülheim an der Ruhr Phone +49-208-82 68-0 Fax +49-208-82 68-268 http://www.eaton.com/telephones

© 2022 Eaton All Rights Reserved Printed in UK Publication No.DSFH0018/C March 2022

Eaton is a registered trademark. All other trademarks are property

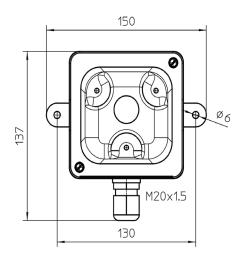
of their respective owners

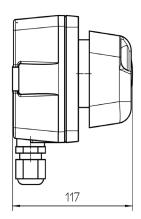
Follow us on social media to get the latest product and support information

All specifications, dimensions, weights and tolerances are nominal (typical) and Eaton reserve the right to vary all data without prior notice No liability is accepted for any consequence of use.

Certifications			
Protection type	Ex em [ib] IIC T6		
Approval	DMT 99 ATEX E 095		
Technical Data			
Housing	Die-cast aluminium		
Colour	Black		
Hood	UV-resistant macrolon (polycarbonat)		
Ingress protection	IP 66 according to EN 60529		
Operating position	Wall or ceiling mounting		
Temperature range Operating Storage	-20 °C to +40 °C -40 °C to +75 °C		
Weight	0.5 kg		
Secondary telephone bell	The electronic high-volume secondary bell is operational even in case of a power failure. It is supplied by the telephone's ringing voltage.		
Terminal designation	W, L _b		
AC ringing voltage	32 VAC 75 VAC		
Overlaid supply voltage	0 VDC 63 VDC		
Input impedance	At 25 Hz $Z \ge 8 k\Omega$		
	At 50 Hz $Z \ge 4 k\Omega$		
Acoustic signalling device	Loudspeaker		
Acoustic signal	Single tone-, 2-tone, 3-tone, warble tone, selectable via DIP switch		
Tone sequence frequency	4 settings between 5 Hz and 20 Hz selectable via DIP switch		
Volume	Approx. 90 dB(A) in 1 m distance		

General arrangement all dimensions in mm





Ordering requirements

Туре	Designation	Nominal voltage	Art. No.
5842/2	Ex Secondary Telephone Bell	supply via telephone	FHF 211 842 06