



Model 825-161E502

Explosion proof outdoor multi-party handset station

(All models will have the same lay-out with corresponding extra control buttons)

FEATURES AND BENIFITS

- Rugged construction.
- Noise cancelling microphone.
- Powerful 30Watt amplifier allows effective communication in areas of extreme noise.
- ATEX and UL approved for Zone 1 or DIV.1 hazardous applications.
- IP 66 and NEMA 4x protection.

OPTIONS.

- Exist as amplifier only. (No handset)
- Remote volume level control (VLC) (*)
- Calling station identification. (*)
- Four (4) alternate Page channels. Allows paging into other independent communication areas. (*)
- Ambient level sensing (ALS) (*)
- Remote monitoring and self-diagnostic. (*)
- Remote activated Input/output contacts. (RTU) (*)

(*) = This option is only active if and "Advance central control unit" is installed. See datasheet Pub-0003-146.

The explosion proof handset stations are microprocessor controlled field stations providing added features over standard industrial communication equipment.

The field stations operate alone standing or will interface with an "Advance central control unit" exchanging information including station health check and the status of the associated speaker. These stations are optionally equipped with smart volume feature to automatically adjust speaker volume by measuring ambient noise levels.

See datasheet Pub-0003-011, 12 and 21 for speakers and Pub-0003-056, 103 and 104 for proper installation cables and installation accessories.

Ordering information


With ATEX approval.

- 821-111E502 : Single party standard version. Epoxy coated.
- 825-111E502 : Multi-party standard version. Epoxy coated.
- 821-161E502 : Single party version with "Alternate Page" switch. Epoxy coated.
- 825-161E502 : Multi-party version with "Alternate Page" switch. Epoxy coated.
- 821-151E502 : Single-party version with RTU (providing 2 programmable input contacts and 2 outputs). Epoxy coated.
- 825-151E502 : Multi-party version with RTU (providing 2 programmable input contacts and 2 outputs). Epoxy coated.

With UL approval.

Replace the letter "E" in above mentioned order numbers by "C"

Specifications.

- Construction : Cast Aluminium with grey polyurethane coating.
- Power : 120-230VAC 50/60Hz 50VA consumed (15VA idle). The DC version at 24VDC/50Watt
- Gland entries: : ATEX version: 3 x M25, 2xM20, 1xM16 UL version 2x 1-1/2"NPT, 2x3/4"NPT
- Audio amplifier : 30Watt RMS. Frequency range 350 - 6,5KHz
- Microphone : Dynamic 10-Ohm noise cancelling.
- Internal Controls : Speaker volume, address switch, handset volume
- External controls : Page button, party-line switch, alternate page switch.
- Approvals : ATEX II 2 G EExd ib IIB + H2T6  Mark as per 73/23/EEC, 89/336/EEC, 93/68/EEC
: UL Class I, Div 1, Groups B, C, D, Class II, Div.1 Groups F, G. Class III, Div.1 T6
- Temperature range : Minus 20C° to +66C° (95% humidity)
- Dimensions (WxHxD) mm: 332x364x297mm
- Shipping weight : 22Kg
- Protection : IP66

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