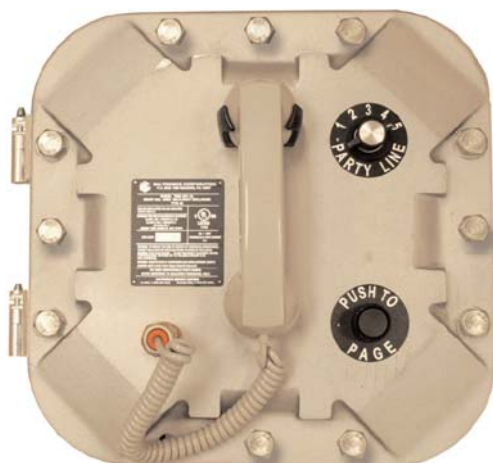




## EXPLOSION PROOF ATEX & UL APPROVED SMART HANDSET STATION



**Model 7085-001-EX**

Explosion proof outdoor multi-party handset station

(All models will have the same lay-out)

### FEATURES AND BENIFITS

- Rugged construction.
- Self-diagnostics.
- Powerful 12Watt amplifier allows effective communication in areas of extreme noise.
- Automatic volume control depending of the ambient noise. (Speaker supervision and handset station identity if used with "Advance central control unit". See datasheet Pub-0003-146)
- ATEX and UL approved for Zone 1 or DIV.1 hazardous applications.
- IP 66 and NEMA 4x protection.

The smart series explosion proof handset stations are microprocessor controlled field stations providing added features over standard industrial communication equipment. The field stations interface with an "Advance central control unit" exchanging information including station health check and the status of the associated speaker. These stations are 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 Enclosures only (Add as well model 709-901 to make any station complete.)

#### With ATEX approval.

708-001-EX	: Single party version.
7085-001-EX	: Multi-party version.
7085-004-EX	: Multi-party version with "Alternate Page" switch.
7085-005-EX	: Multi-party version with RTU (providing 2 programmable input contacts and 2 outputs).
707-001-EX	: Smart amplifier only. (No handset provided)

#### With UL approval.

708-001-UL	: Single party version.
7085-001-UL	: Multi-party version.
7085-004-UL	: Multi-party version with "Alternate Page" switch.
7085-005-UL	: Multi-party version with RTU (providing 2 programmable input contacts and 2 outputs).
707-001-UL	: Smart amplifier only. (No handset provided)

709-901 : Plug in amplifier unit suitable for all models here above.

#### Specifications.

Construction	: Cast Aluminium with grey polyurethane coating.
Power	: 90-140VAC 50/60Hz 60VA consumed (15VA idle).
Gland entries:	: ATEX version:3 x M25, 2xM20, 1xM16      UL version 2x 1-1/2"NPT, 2x3/4"NPT
Audio amplifier	: 12Watt 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 <b>CE</b> 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:	: 387x387x314mm
Shipping weight	: 40Kg (including amplifier 709-901)
Protection	: IP66

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