

# HMA

**INSTRUMENTATION**



## HAZARDOUS AREA WARNING PRODUCTS

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## CALL POINTS

Manual alarm call points are designed for the purpose of raising an alarm manually once verification of a fire or emergency condition exists, by operating the push button or break glass the alarm signal can be raised.

| PRODUCT                         | ATEX | IECEX | UL | ULC | CSA | Inmetro | CUTR | CQST | ABS | SIL | IP Rating | Page |
|---------------------------------|------|-------|----|-----|-----|---------|------|------|-----|-----|-----------|------|
| <b>Manual Alarm Call Points</b> |      |       |    |     |     |         |      |      |     |     |           |      |
| SM87 PB                         | ■    | ■     | ■  | ■   | ■   | ■       | ■    | ■    |     | ■   | 66 / 67   | 14   |
| SM87 BG                         | ■    | ■     | ■  |     | ■   | ■       | ■    | ■    |     |     | 66 / 67   | 14   |
| PH1                             | ■    | ■     | ■  |     |     |         |      |      |     |     | 66 / 67   | 16   |
| PB                              | ■    | ■     | ■  |     | ■   | ■       | ■    | ■    | ■   | ■   | 66 / 67   | 18   |
| BG                              | ■    | ■     | ■  |     |     | ■       | ■    | ■    | ■   | ■   | 66 / 67   | 20   |
| BG2                             | ■    |       |    |     |     |         |      |      |     |     | 66 / 67   | 22   |
| BG3                             | ■    |       |    |     |     |         |      | ■    |     |     | 66 / 67   | 24   |



SM87 PB



SM87 BG



PH1



PB



BG



BG2



BG3

# HAZARDOUS AREA WARNING PRODUCTS

## VISUAL ALARMS

The MEDC and FHF range offers beacons and combination units including flashing, steady-state indicators and rotating units. These may be used to warn of potential hazards or indicate the status of plant conditions, fire and gas alarms, evacuation alerts and many more.

| PRODUCT                           | ATEX | IECEX | UL | ULC | CSA | Inmetro | CUTR | CQST | ABS | SIL | IP Rating | Page |
|-----------------------------------|------|-------|----|-----|-----|---------|------|------|-----|-----|-----------|------|
| <b>Beacons Lights and Strobes</b> |      |       |    |     |     |         |      |      |     |     |           |      |
| LD15                              | ■    | ■     |    |     |     |         | ■    |      |     | ■   | 66 / 67   | 28   |
| dSLB 20 LED                       | ■    | ■     |    |     |     |         |      |      |     |     | 66 / 67   | 30   |
| Expertline                        | ■    | ■     | ■  |     |     | ■       | GOST |      |     |     | 66        | 32   |
| SM87HXB                           | ■    | ■     | ■  |     | ■   | ■       | ■    | ■    |     |     | 66 / 67   | 34   |
| XB11                              | ■    | ■     | ■  |     |     | ■       | ■    | ■    |     |     | 66 / 67   | 36   |
| XB9                               | ■    | ■     |    |     |     | ■       | ■    | ■    |     |     | 66 / 67   | 38   |
| XB10                              | ■    | ■     |    |     |     | ■       | ■    |      |     |     | 66 / 67   | 40   |
| dSLB 20 strobe                    | ■    | ■     |    |     |     |         | GOST |      |     |     | 66 / 67   | 42   |
| XB15                              | ■    | ■     | ■  | ■   |     | ■       | ■    | ■    |     | ■   | 66 / 67   | 44   |
| XB4                               | ■    | ■     | ■  |     |     | ■       | ■    |      |     |     | 66 / 67   | 46   |
| XB12                              | ■    | ■     | ■  |     |     | ■       | ■    | ■    |     |     | 66 / 67   | 48   |
| XB8                               | ■    | ■     |    |     |     |         | ■    |      | ■   |     | 66 / 67   | 50   |
| XB16                              |      |       | ■  |     |     |         |      |      |     |     | 66 / 67   | 52   |
| XB13                              |      |       |    |     |     |         |      |      |     |     | 66 / 67   | 54   |
| TH12                              | ■    | ■     |    |     |     | ■       | ■    |      |     |     | 66 / 67   | 56   |
| SM87 LU1/3                        | ■    | ■     | ■  |     | ■   | ■       | ■    | ■    |     |     | 66 / 67   | 58   |
| FL4 FB4                           | ■    | ■     | ■  |     |     | ■       | ■    |      |     |     | 66 / 67   | 60   |
| FL11 FB11 FL12 FB12               | ■    | ■     | ■  |     |     | ■       | ■    |      |     |     | 66 / 67   | 62   |
| FB15                              | ■    | ■     | ■  |     |     | ■       | ■    |      |     |     | 66 / 67   | 64   |



LD15



dSLB 20 LED



Expertline



SM87HXB



XB11



XB9



XB10



dSLB 20 Strobe



XB15



XB4



XB12



XB8



XB16



XB13



TH12



SM87 LU1/3



FL4 FB4



FL11 FB11 FL12 FB12



FB15

# HAZARDOUS AREA WARNING PRODUCTS

## AUDIBLE ALARMS

MEDC and FHF's range of audible alarms are suitable for a wide array of applications, feature a variety of tone settings, and are designed to raise the alarm in dangerous situations. Traditional bells are also available.

| PRODUCT                     | ATEX | IECEX | UL | ULC | CSA | Inmetro | CUTR | CQST | ABS | SIL | IP Rating | Page |
|-----------------------------|------|-------|----|-----|-----|---------|------|------|-----|-----|-----------|------|
| <b>Horns &amp; Sounders</b> |      |       |    |     |     |         |      |      |     |     |           |      |
| DB1                         | ■    | ■     | ■  |     |     | ■       | ■    |      |     |     | 66        | 68   |
| DB3B                        | ■    | ■     |    |     |     |         |      |      |     |     | 66 / 67   | 70   |
| DB3                         | ■    | ■     | ■  | ■   |     | ■       | ■    | ■    | ■   | ■   | 66 / 67   | 72   |
| DB3V                        | ■    | ■     |    |     |     | ■       | ■    | ■    |     |     | 66 / 67   | 74   |
| dEV 20                      | ■    | ■     |    |     |     |         |      |      |     |     | 66        | 76   |
| DB5                         | ■    | ■     |    |     | ■   | ■       |      |      | ■   |     | 65        | 78   |
| DB7                         | ■    |       |    |     |     |         | ■    |      |     |     | 66 / 67   | 80   |
| DB12                        |      |       |    |     |     |         |      |      |     |     | 66 / 67   | 82   |
| DB15                        |      |       |    |     |     |         |      |      |     |     | 66 / 67   | 84   |
| DB6                         | ■    | ■     |    |     |     | ■       |      |      |     |     | 65        | 86   |
| dGW21/dRGW21                | ■    |       | ■  |     |     |         | GOST |      |     |     | 66        | 88   |



# HAZARDOUS AREA WARNING PRODUCTS

## LOUDSPEAKERS

The MEDC and FHF's range of hazardous, heavy duty, industrial and commercial speakers are designed to meet the requirements for public address, voice alarm (evacuation) and background music.

| PRODUCT             | ATEX | IECE <sub>x</sub> | UL | ULC | CSA | Inmetro | CUTR | CQST | ABS | SIL | IP Rating | Page |
|---------------------|------|-------------------|----|-----|-----|---------|------|------|-----|-----|-----------|------|
| <b>Loudspeakers</b> |      |                   |    |     |     |         |      |      |     |     |           |      |
| DB4B                | ■    | ■                 |    |     |     |         |      |      |     |     | 66 / 67   | 92   |
| DB4                 | ■    | ■                 | ■  |     |     | ■       | ■    | ■    | ■   | ■   | 66 / 67   | 94   |
| DB20C               | ■    | ■                 |    |     |     | ■       | ■    |      |     |     | 66 / 67   | 96   |
| DB20                | ■    | ■                 |    |     |     | ■       | ■    |      |     |     | 66 / 67   | 98   |
| DB10                | ■    | ■                 |    |     |     | ■       | ■    | ■    |     |     | 66 / 67   | 100  |
| DB16                | ■    | ■                 | ■  |     |     | ■       | ■    |      |     |     | 66 / 67   | 102  |
| DB18                | ■    |                   |    |     |     |         |      |      |     |     | 66 / 67   | 104  |
| DB14                |      |                   |    |     |     |         |      |      |     |     | 66 / 67   | 106  |



DB4B



DB4



DB20C



DB20



DB10



DB16



DB18



DB14

# HAZARDOUS AREA WARNING PRODUCTS

## STATUS LIGHTS & AUDIBLE AND VISUAL COMBINATION UNITS

For use in situations where both audible and visual awareness is required together to alert operators of a potential hazard. Customised solutions from MEDC and FHF can be designed and manufactured using our sounders and beacons to suit the specific needs of the customer.

| PRODUCT                                      | ATEX | IECEX | UL | ULC | CSA | Inmetro | CUTR | CQST | ABS | SIL | IP Rating | Page |
|--|------|-------|----|-----|-----|---------|------|------|-----|-----|-----------|------|
| <b>Status Lights &amp; Combination Units</b> |      |       |    |     |     |         |      |      |     |     |           |      |
| CU1  | ■    | ■     |    |     |     | ■       | ■    |      | ■   |     | 66 / 67   | 110  |
| DB3/XB11                                     | ■    | ■     | ■  |     |     |         |      |      |     |     | 66 / 67   | 112  |
| DB1/SM87HXB                                  | ■    | ■     | ■  |     |     |         |      |      |     |     | 66        | 113  |
| DB3/SM87HXB                                  | ■    | ■     | ■  |     |     |         |      |      |     |     | 66 / 67   | 113  |
| DB12/XB13                                    |      |       |    |     |     |         |      |      |     |     | 66 / 67   | 113  |
| DB15/XB13                                    |      |       |    |     |     |         |      |      |     |     | 66 / 67   | 113  |
| SM87SL & XB11SL                              | ■    | ■     | ■  |     | ■   | ■       | ■    | ■    |     |     | 66 / 67   | 114  |
| SL5  | ■    | ■     |    |     |     |         |      |      | ■   |     | 66 / 67   | 116  |
| SL15   | ■    | ■     | ■  | ■   |     | ■       | ■    | ■    |     |     | 66 / 67   | 118  |



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## PUBLIC ALARM & GENERAL SYSTEMS (PAGA)

Designed to enhance modern communication philosophies, the Sonix™ PA/GA system includes a highly sophisticated yet simplified architecture that removes the need for lengthy engineering cycles, bespoke and costly software, custom field engineering or expensive onsite support. We are able to offer fully compliant communications solutions to meet the most demanding applications for onshore, offshore and industrial installations.



## CLOSED CIRCUIT TELEVISION STATIONS (CCTV)

HERNISTM, Oxalis and Yuhua lead the way in developing advanced camera-based surveillance systems for marine and oil and gas installations worldwide. Our solutions contribute to increased efficiency and provide safety for people and equipment in hazardous areas and under extreme conditions.

## TELEPHONES

Gitisse and FHF's full range of automatic and sound powered telephones suitable for any kind of application: IP and analogue, weatherproof proof and explosion protected. Supplementary audio and optical devices are also available as an option.



## CONTROL AND DISTRIBUTION

The MEDC range offers standard and bespoke control and distribution units for harsh and hazardous environments. As a leading manufacturer of explosion proof equipment, MEDC can provide hazardous and safe area control units in a range of dimensions to suit your required specification.



# HMA

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## HMA GROUP

**MATERIALS HANDLING**

**WEAR SOLUTIONS**

**FLOW & INDUSTRIAL**

**INSTRUMENTATION**

**POWER GENERATION**

**GEOTECHNICAL**

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