

dST-MB Explosion-proof analogue telephone

- Explosion-proof analogue telephone
- Certified for gas and dust hazardous areas – zone 1/21
- Degree of protection IP 66
- Very robust weather-proof housing with steel-armoured handset cord to withstand high tensile forces
- Impact protection IK09
- For demanding industrial, onshore and offshore applications
- V4A steel keypad, designed for use with gloves
- 3 freely programmable memory buttons for quick dialling
- Freely programmable, housing colour black
- Convenient telephone functions

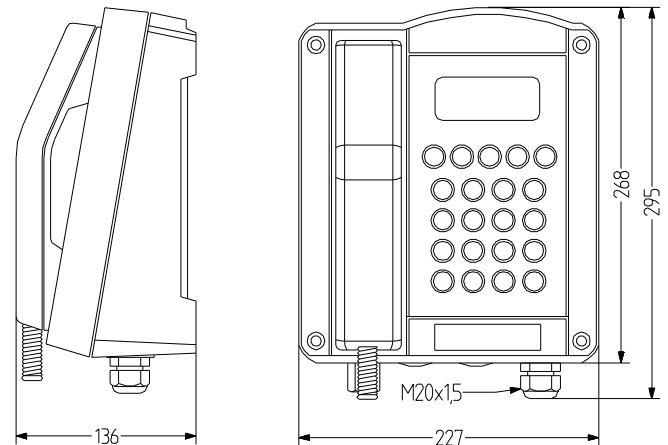


II 2 G EEx mb[ib] IIC T6/T5 Gb

II 2 D IP66 IIIC T80 °C / T100 °C Db

-25 °C ≤ Ta ≤ +40 °C/+60 °C

Zone 1, 2, 21, 22



TECHNICAL DATA

| | |
|------------------------------------|--|
| Dialling method | PD DTMF operation can be selected from menu DTMF operation as per CCITT recommendation Q.23 PD operation with pulse/pause ratio of 1.5:1 or 2:1, which can be selected via menu navigation |
| Tone ringing volume | 90 dB |
| Transportation/storage temperature | -25 °C / +70 °C |
| Housing | glass-fibre-reinforced polyester black (RAL 9005) |
| Cable entry | 1× M20 × 1.5, 2× blind plugs M20 × 1.5 |
| Connection technology | up to 4 mm ² rigid, up to 2.5 mm ² flexible |
| Degree of protection | IP66 |
| Impact resistance | IK09 |
| Approval | DMT 03 ATEX E034 |
| Technology | analogue |
| Keypad | Metal keypad with ice protection 21 keys with ABC lettering for name entries, 3 freely programmable memory keys enabling (emergency) telephone numbers to be dialled quickly |

| | |
|-----------------------------|--|
| Noise suppression | > 3 dB thanks to integrated mouthpiece horn |
| Supply voltage | 24 V DC-66 V DC |
| Supply current | 0,015 A DC-0,10 A DC |
| Ringing alternating current | 24 V AC-90 V AC (at 21-54 Hz ringing frequency) 30 V AC-90 V AC (at 16.6-54 Hz ringing frequency) |
| Tone ringing impedance | > 6.0 KΩ at 25 Hz and 24-90 V AC > 4.0 KΩ at 50 Hz and 24-90 V AC |
| Enquiry key | Flash function can be adjusted from 40 ms-399 ms |
| W conductor | Option to connect external call signalling sounder |
| Weight | 5,8 kg |
| Mouthpiece | Electret microphone |
| Receiver | dynamic receiver with leakage field spool for inductively coupling hearing aids |
| Stabiliser bracket | integrated, adjustable stabiliser protection |
| Handset cord | steel-reinforced armoured cord made of V4A |



dST-MB

ORDER DATA

| Housing colour | Order number |
|----------------|--------------|
| black | 410 050 000 |



AS1



VS1



EP1



HS1



mTCR



TH1



TH2

ACCESSORIES

| Type | Type of accessory | Colour | Housing material | Weight | Order number | | |
|------|---|------------------------|--|--|--|-------------|-------------|
| AS1 | Explosion-proof audible telephone call signalling sounder | | | 500 g | 410 100 004 | | |
| VS1 | Explosion-proof visual-audible signalling sounder | black (RAL 9005)orange | | 1,42 kg | 410 101 005 | | |
| | | black (RAL 9005)red | | 1,42 kg | 410 102 005 | | |
| | | black (RAL 9005)clear | | 1,42 kg | 410 104 005 | | |
| | | black (RAL 9005)blue | | 1,42 kg | 410 105 005 | | |
| | | black (RAL 9005)green | | 1,42 kg | 410 106 005 | | |
| EP1 | Explosion-proof additional earpiece set | | | 200 g | 410 100 002 | | |
| HS1 | Headset kit | | | 1,33 kg | 410 100 001 | | |
| mTCR | Explosion-proof telephone connecting relay | | | 1,1 kg | 410 100 100 | | |
| TH1 | Telephone sound protection hood | yellow (RAL 1023) | PVC - plastic (UV and weather-resistant) | 30 kg | 410 100 012 | | |
| | | | glass-fibre-reinforced plastic (GFRP) | 40 kg | 410 100 008 | | |
| | | | Console (sheet steel, powder-coated) | 17 kg | 410 100 011 | | |
| | | | Metal | 35 kg | 410 100 006 | | |
| | | | red (RAL 3020) | PVC - plastic (UV and weather-resistant) | 30 kg | 410 100 014 | |
| | | | | glass-fibre-reinforced plastic (GFRP) | 40 kg | 410 100 015 | |
| | | Metal | | 35 kg | 410 100 009 | | |
| | | orange (RAL 2000) | | PVC - plastic (UV and weather-resistant) | 30 kg | 410 100 013 | |
| | | | | glass-fibre-reinforced plastic (GFRP) | 40 kg | 410 100 007 | |
| | | Stainless steel | | Stainless steel | 40 kg | 410 100 010 | |
| | | TH2 | Telephone sound protection hood | yellow | Stainless steel | 3,5 g | 410 100 020 |
| | | | | | PVC - plastic (UV and weather-resistant) | 3,5 g | 410 100 030 |

