

# HBC radio controls with Ex approval (ATEX)



| Equipment group           | I MINING |    | II OTHER POTENTIALLY EXPLOSIVE AREAS |     |             |     |              |              |
|---------------------------|----------|----|--------------------------------------|-----|-------------|-----|--------------|--------------|
| Atmosphere                |          |    | Gas (G)                              |     |             |     | Dust (D)     |              |
| Equipment category (zone) | M1       | M2 | 2G (zone 1)                          |     | 3G (zone 2) |     | 2D (zone 21) | 3D (zone 22) |
| Group                     |          |    | IIB                                  | IIC | IIB         | IIC |              |              |

| HBC transmitters                                                            |                                                                                     |                                                                                                                                                                           |                                                                                                                                                                           |                                                                                                                                                                                   |                                                                                                                                                                              |                                                                                                                                                                                   |  |                                                                                                                                                                                             |                                                                                                                                                                                             |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| quadrix Ex                                                                  |    | <div><div> I M1 Ex ia I Ma</div><div><input type="checkbox"/> 099-01-01017</div></div>   | <div><div> I M1 Ex ia I Ma</div><div><input type="checkbox"/> 099-01-01017</div></div>   | <div><div> II 2G Ex ia IIB T4 Gb</div><div><input type="checkbox"/> 099-01-01017</div></div>   |                                                                                                                                                                              | <div><div> II 2G Ex ia IIB T4 Gb</div><div><input type="checkbox"/> 099-01-01017</div></div>   |  | <div><div> II 2D Ex ia IIIC<br/>T120 °C Db</div><div><input type="checkbox"/> 099-01-01017</div></div>   | <div><div> II 2D Ex ia IIIC<br/>T120 °C Db</div><div><input type="checkbox"/> 099-01-01017</div></div>   |
| micron 5 Ex                                                                 |    | <div><div> I M1 Ex ia I Ma</div><div><input type="checkbox"/> 099-01-01018</div></div>   | <div><div> I M1 Ex ia I Ma</div><div><input type="checkbox"/> 099-01-01018</div></div>   | <div><div> II 2G Ex ia IIB T4 Gb</div><div><input type="checkbox"/> 099-01-01018</div></div>   |                                                                                                                                                                              | <div><div> II 2G Ex ia IIB T4 Gb</div><div><input type="checkbox"/> 099-01-01018</div></div>   |  | <div><div> II 2D Ex ia IIIC<br/>T120 °C Db</div><div><input type="checkbox"/> 099-01-01018</div></div>   | <div><div> II 2D Ex ia IIIC<br/>T120 °C Db</div><div><input type="checkbox"/> 099-01-01018</div></div>   |
| micron 7 Ex3 IIC<br><small>(optional with display<br/>099-01-01162)</small> |   |                                                                                                                                                                           |                                                                                                                                                                           |                                                                                                                                                                                   | <div><div> 3G Ex ic IIC T4 Gc</div><div><input type="checkbox"/> 099-01-01166</div></div> | <div><div> 3G Ex ic IIC T4 Gc</div><div><input type="checkbox"/> 099-01-01166</div></div>      |  |                                                                                                                                                                                             | <div><div> II 3D Ex ic IIIC T120°C<br/>Dc</div><div><input type="checkbox"/> 099-01-01166</div></div>    |
| micron 7 Ex                                                                 |  | <div><div> I M1 Ex ia I Ma</div><div><input type="checkbox"/> 099-01-01019</div></div> | <div><div> I M1 Ex ia I Ma</div><div><input type="checkbox"/> 099-01-01019</div></div> | <div><div> II 2G Ex ia IIB T4 Gb</div><div><input type="checkbox"/> 099-01-01019</div></div> |                                                                                                                                                                              | <div><div> II 2G Ex ia IIB T4 Gb</div><div><input type="checkbox"/> 099-01-01019</div></div> |  | <div><div> II 2D Ex ia IIIC<br/>T120 °C Db</div><div><input type="checkbox"/> 099-01-01019</div></div> | <div><div> II 2D Ex ia IIIC<br/>T120 °C Db</div><div><input type="checkbox"/> 099-01-01019</div></div> |

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| Equipment group           | I MINING |    | II OTHER POTENTIALLY EXPLOSIVE AREAS |     |             |     |              |              |
|---------------------------|----------|----|--------------------------------------|-----|-------------|-----|--------------|--------------|
| Atmosphere                |          |    | Gas (G)                              |     |             |     | Dust (D)     |              |
| Equipment category (zone) | M1       | M2 | 2G (zone 1)                          |     | 3G (zone 2) |     | 2D (zone 21) | 3D (zone 22) |
| Group                     |          |    | IIB                                  | IIC | IIB         | IIC |              |              |

| HBC transmitters                                                   |                                                                                     |                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                         |                                                                                                                                                         |                                                                                                                                                         |                                                                                                                                                         |                                                                                                                                                                  |                                                                                                                                                                  |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| spectrum-Geräte<br>ATEX-Kategorie 3<br>Housing sizes<br>spectrum 2 |    |                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                         |                                                                                                                                                         | <br>II 3G Ex ic IIB T4 Gc X<br><input type="checkbox"/> 099-01-01168 |                                                                                                                                                         |                                                                                                                                                                  | <br>II 3D Ex ic IIIC T120°C<br>Dc X<br><input type="checkbox"/> 099-01-01168  |
| spectrum-Geräte<br>ATEX-Kategorie 3<br>Housing sizes<br>spectrum B |    |                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                         |                                                                                                                                                         | <br>II 3G Ex ic IIB T4 Gc X<br><input type="checkbox"/> 099-01-01184 |                                                                                                                                                         |                                                                                                                                                                  | <br>II 3D Ex ic IIIC T120°C<br>Dc X<br><input type="checkbox"/> 099-01-01184  |
| spectrum-Geräte<br>ATEX-Kategorie 3<br>Housing sizes<br>spectrum 3 |   |                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                         |                                                                                                                                                         | <br>II 3G Ex ic IIB T4 Gc X<br><input type="checkbox"/> 099-01-01177 |                                                                                                                                                         |                                                                                                                                                                  | <br>II 3D Ex ic IIIC T120°C<br>Dc X<br><input type="checkbox"/> 099-01-01177  |
| spectrum Ex<br>Housing sizes<br>spectrum 2                         |  | <br>I M1 Ex ia I Ma<br><input type="checkbox"/> 099-01-01189 | <br>I M1 Ex ia I Ma<br><input type="checkbox"/> 099-01-01189 | <br>II 2G Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01185 |                                                                                                                                                         | <br>II 2G Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01185 |                                                                                                                                                         | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-01185 | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-01185 |
| spectrum Ex<br>Housing sizes<br>spectrum B                         |  | <br>I M1 Ex ia I Ma<br><input type="checkbox"/> 099-01-01182 | <br>I M1 Ex ia I Ma<br><input type="checkbox"/> 099-01-01182 | <br>II 2G Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01178 |                                                                                                                                                         | <br>II 2G Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01178 |                                                                                                                                                         | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-01178 | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-01178 |
| spectrum Ex<br>Housing sizes<br>spectrum 3                         |  | <br>I M1 Ex ia I Ma<br><input type="checkbox"/> 099-01-01175 | <br>I M1 Ex ia I Ma<br><input type="checkbox"/> 099-01-01175 | <br>II 2G Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01169 |                                                                                                                                                         | <br>II 2G Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01169 |                                                                                                                                                         | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-01169 | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-01169 |
| spectrum Ex IIC<br>Housing sizes<br>spectrum 2                     |  |                                                                                                                                                 |                                                                                                                                                 | <br>II 2G Ex ia IIC T4 Gb<br><input type="checkbox"/> 099-01-00935 | <br>II 2G Ex ia IIC T4 Gb<br><input type="checkbox"/> 099-01-00935 | <br>II 2G Ex ia IIC T4 Gb<br><input type="checkbox"/> 099-01-00935 | <br>II 2G Ex ia IIC T4 Gb<br><input type="checkbox"/> 099-01-00935 | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-00935 | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-00935 |
| spectrum Ex IIC<br>Housing sizes<br>spectrum 3                     |  |                                                                                                                                                 |                                                                                                                                                 | <br>II 2G Ex ia IIC T4 Gb<br><input type="checkbox"/> 099-01-01172 | <br>II 2G Ex ia IIC T4 Gb<br><input type="checkbox"/> 099-01-01172 | <br>II 2G Ex ia IIC T4 Gb<br><input type="checkbox"/> 099-01-01172 | <br>II 2G Ex ia IIC T4 Gb<br><input type="checkbox"/> 099-01-01172 | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-01172 | <br>II 2D Ex ia IIIC<br>T120 °C Db<br><input type="checkbox"/> 099-01-01172 |

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| Equipment group           | I MINING |             | II OTHER POTENTIALLY EXPLOSIVE AREAS |             |          |                              |
|---------------------------|----------|-------------|--------------------------------------|-------------|----------|------------------------------|
| Atmosphere                |          |             | Gas (G)                              |             | Dust (D) |                              |
| Equipment category (zone) | M1       | 2G (zone 1) |                                      | 3G (zone 2) |          | 2D (zone 21)<br>3D (zone 22) |
| Group                     |          | IIB         | IIC                                  | IIB         | IIC      |                              |

| HBC receivers                                                                                                          |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FSE 516<br>(HR270)<br>                |  I (M1) [Ex ia Ma] I<br><input type="checkbox"/> 099-01-00962                                                                                                                              |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                           |  II 2 3G Ex nA nC [ia Gb] IIC T4<br>Gc X<br><input type="checkbox"/> 099-01-00962                                                                                      |  II 2 3G Ex nA nC [ia Gb] IIC T4<br>Gc X<br><input type="checkbox"/> 099-01-00962                                                                                      |                                                                                                                                                                                                                                                                  |  II 2 3D Ex tc [ia Db] IIIC<br>T80°C Dc X<br><input type="checkbox"/> 099-01-00962                                                                                            |
| FSE 524<br>(HR270)<br>                |  I (M1) [Ex ia Ma] I<br><input type="checkbox"/> 099-01-00963                                                                                                                              |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                           |  II 2 3G Ex nA nC [ia Gb] IIC T4<br>Gc X<br><input type="checkbox"/> 099-01-00963                                                                                      |  II 2 3G Ex nA nC [ia Gb] IIC T4<br>Gc X<br><input type="checkbox"/> 099-01-00963                                                                                      |                                                                                                                                                                                                                                                                  |  II 2 3D Ex tc [ia Db] IIIC<br>T80°C Dc X<br><input type="checkbox"/> 099-01-00963                                                                                            |
| FSE 726<br>radiobus®<br>             | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> I (M1) [Ex ia Ma] I<br><input type="checkbox"/> 099-01-00994                                          | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) D Ex tb [ia Db] IIIC<br>T80 °C Db IP66<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) D Ex tb [ia Db] IIIC<br>T80 °C Db IP66<br><input type="checkbox"/> 099-01-00994 |
| FSE 727<br>radiobus®<br>            | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> I (M1) [Ex ia Ma] I<br><input type="checkbox"/> 099-01-00994                                          | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) D Ex tb [ia Db] IIIC<br>T80 °C Db IP66<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) D Ex tb [ia Db] IIIC<br>T80 °C Db IP66<br><input type="checkbox"/> 099-01-00994 |
| FSE 736<br>radiobus®<br>(HR270)<br> | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> I (M1) [Ex ia Ma] I<br><input type="checkbox"/> 099-01-00964<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 |  II 2 3G Ex nA nC [ia Gb] IIC T4<br>Gc X<br><input type="checkbox"/> 099-01-00964                                                                                    |  II 2 3G Ex nA nC [ia Gb] IIC T4<br>Gc X<br><input type="checkbox"/> 099-01-00964                                                                                    | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) D Ex tb [ia Db] IIIC<br>T80 °C Db IP66<br><input type="checkbox"/> 099-01-00994 |  II 2 3D Ex tc [ia Db] IIIC<br>T80°C Dc X<br><input type="checkbox"/> 099-01-00964                                                                                          |
| FSE 737<br>radiobus®<br>(HR270)<br> | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> I (M1) [Ex ia Ma] I<br><input type="checkbox"/> 099-01-00965<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) G Ex db eb [ia Gb] IIC<br>T6 Gb<br><input type="checkbox"/> 099-01-00994 |  II 2 3G Ex nA nC [ia Gb] IIC T4<br>Gc X<br><input type="checkbox"/> 099-01-00965                                                                                    |  II 2 3G Ex nA nC [ia Gb] IIC T4<br>Gc X<br><input type="checkbox"/> 099-01-00965                                                                                    | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br> II 2 (2) D Ex tb [ia Db] IIIC<br>T80 °C Db IP66<br><input type="checkbox"/> 099-01-00994 |  II 2 3D Ex tc [ia Db] IIIC<br>T80°C Dc X<br><input type="checkbox"/> 099-01-00964                                                                                          |

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|---------------------------|----------|--------------------------------------|-----|-------------|-----|--------------|--------------|
| Atmosphere                |          | Gas (G)                              |     |             |     | Dust (D)     |              |
| Equipment category (zone) | M1       | 2G (zone 1)                          |     | 3G (zone 2) |     | 2D (zone 21) | 3D (zone 22) |
| Group                     |          | IIB                                  | IIC | IIB         | IIC |              |              |

| HBC antennas*                                                                                                                                                                                  |                                                                                                                                                                 |                                                                                                                                                                       |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                         |                                                                                                                                                                               |                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>AA050026</div> <div>405 – 470 MHz</div> <div><input type="checkbox"/> 099-01-00978</div> <div></div>     | <div> I M1 Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2D Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2D Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00976</div>   |
| <div>AA050027</div> <div>870 – 950 MHz</div> <div><input type="checkbox"/> 099-01-00979</div> <div></div>    | <div> I M1 Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2D Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00976</div>   | <div> II 2D Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00976</div>   |
| <div>AA050028</div> <div>2300 – 2500 MHz</div> <div><input type="checkbox"/> 099-01-00980</div> <div></div> | <div> I M1 Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-00976</div> | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div> | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div> | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div> | <div> II 2G Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00976</div> | <div> II 2D Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00976</div> | <div> II 2D Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00976</div> |

\* In connection with an antenna coupling unit in the receiver.

# HBC radio controls with Ex approval (IECEx)



|                            |        |    |             |     |             |     |              |              |
|----------------------------|--------|----|-------------|-----|-------------|-----|--------------|--------------|
| Atmosphere                 | Mining |    | Gas (G)     |     |             |     | Dust (D)     |              |
| Equipment protection level | Ma     | Mb | Gb (zone 1) |     | Gc (zone 2) |     | Db (zone 21) | Dc (zone 22) |
| Group                      |        |    | IIB         | IIC | IIB         | IIC |              |              |

| HBC transmitters                                                                                                                                          |                                                     |                                                     |                                                          |  |                                                          |                                                          |                                                                |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------|--|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| quadrix Ex                                                               | Ex ia I Ma<br><input type="checkbox"/> 099-01-01008 | Ex ia I Ma<br><input type="checkbox"/> 099-01-01008 | Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01008 |  | Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01008 |                                                          | Ex ia IIIC T120 °C Db<br><input type="checkbox"/> 099-01-01008 | Ex ia IIIC T120 °C Db<br><input type="checkbox"/> 099-01-01008 |
| micron 7 Ex3 IIC <br><small>(optional with display 099-01-01162)</small> |                                                     |                                                     |                                                          |  | Ex ic IIC T4 Gc<br><input type="checkbox"/> 099-01-01167 | Ex ic IIC T4 Gc<br><input type="checkbox"/> 099-01-01167 |                                                                | Ex ic IIIC T120°C Dc<br><input type="checkbox"/> 099-01-01167  |
| micron 5 Ex                                                            | Ex ia I Ma<br><input type="checkbox"/> 099-01-01020 | Ex ia I Ma<br><input type="checkbox"/> 099-01-01020 | Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01020 |  | Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01020 |                                                          | Ex ia IIIC T120 °C Db<br><input type="checkbox"/> 099-01-01020 | Ex ia IIIC T120 °C Db<br><input type="checkbox"/> 099-01-01020 |
| micron 7 Ex                                                            | Ex ia I Ma<br><input type="checkbox"/> 099-01-01021 | Ex ia I Ma<br><input type="checkbox"/> 099-01-01021 | Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01021 |  | Ex ia IIB T4 Gb<br><input type="checkbox"/> 099-01-01021 |                                                          | Ex ia IIIC T120 °C Db<br><input type="checkbox"/> 099-01-01021 | Ex ia IIIC T120 °C Db<br><input type="checkbox"/> 099-01-01021 |

# HBC radio controls with Ex approval (IECEX)



|                            |        |    |             |     |             |     |              |              |
|----------------------------|--------|----|-------------|-----|-------------|-----|--------------|--------------|
| Atmosphere                 | Mining |    | Gas (G)     |     |             |     | Dust (D)     |              |
| Equipment protection level | Ma     | Mb | Gb (zone 1) |     | Gc (zone 2) |     | Db (zone 21) | Dc (zone 22) |
| Group                      |        |    | IIB         | IIC | IIB         | IIC |              |              |

| HBC transmitters                                                                                                                                              |                                                                        |                                                                        |                                                                             |                                                                             |                                                                             |                                                                             |                                                                                              |                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <div>spectrum Ex</div> <div>Housing sizes spectrum 2</div> <div></div>       | <div>Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-01190</div> | <div>Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-01190</div> | <div>Ex ia IIB T4 Gb</div> <div><input type="checkbox"/> 099-01-01187</div> |                                                                             | <div>Ex ia IIB T4 Gb</div> <div><input type="checkbox"/> 099-01-01187</div> |                                                                             | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-01187</div> | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-01187</div> |
| <div>spectrum Ex</div> <div>Housing sizes spectrum B</div> <div></div>       | <div>Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-01183</div> | <div>Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-01183</div> | <div>Ex ia IIB T4 Gb</div> <div><input type="checkbox"/> 099-01-01180</div> |                                                                             | <div>Ex ia IIB T4 Gb</div> <div><input type="checkbox"/> 099-01-01180</div> |                                                                             | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-01180</div> | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-01180</div> |
| <div>spectrum Ex</div> <div>Housing sizes spectrum 3</div> <div></div>     | <div>Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-01176</div> | <div>Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-01176</div> | <div>Ex ia IIB T4 Gb</div> <div><input type="checkbox"/> 099-01-01171</div> |                                                                             | <div>Ex ia IIB T4 Gb</div> <div><input type="checkbox"/> 099-01-01171</div> |                                                                             | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-01171</div> | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-01171</div> |
| <div>spectrum Ex IIC</div> <div>Housing sizes spectrum 2</div> <div></div> |                                                                        |                                                                        | <div>Ex ia IIC T4 Gb</div> <div><input type="checkbox"/> 099-01-00936</div> | <div>Ex ia IIC T4 Gb</div> <div><input type="checkbox"/> 099-01-00936</div> | <div>Ex ia IIC T4 Gb</div> <div><input type="checkbox"/> 099-01-00936</div> | <div>Ex ia IIC T4 Gb</div> <div><input type="checkbox"/> 099-01-00936</div> | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-00936</div> | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-00936</div> |
| <div>spectrum Ex IIC</div> <div>Housing sizes spectrum 3</div> <div></div> |                                                                        |                                                                        | <div>Ex ia IIC T4 Gb</div> <div><input type="checkbox"/> 099-01-01173</div> | <div>Ex ia IIC T4 Gb</div> <div><input type="checkbox"/> 099-01-01173</div> | <div>Ex ia IIC T4 Gb</div> <div><input type="checkbox"/> 099-01-01173</div> | <div>Ex ia IIC T4 Gb</div> <div><input type="checkbox"/> 099-01-01173</div> | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-01173</div> | <div>Ex ia IIIC T120 °C</div> <div>Db</div> <div><input type="checkbox"/> 099-01-01173</div> |



# HBC radio controls with Ex approval (IECEx)



| Atmosphere                 | Mining | Gas (G)     |     |             |     | Dust (D)     |              |
|----------------------------|--------|-------------|-----|-------------|-----|--------------|--------------|
| Equipment protection level | Ma     | Gb (zone 1) |     | Gc (zone 2) |     | Db (zone 21) | Dc (zone 22) |
| Group                      |        | IIB         | IIC | IIB         | IIC |              |              |

| HBC receivers                                                                                                    |                                                                                                                                         |                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                              |                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FSE 726 radiobus®<br>           | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>[Ex ia Ma] I<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex tb [ia Db] IIIC T80 °C Db IP66<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex tb [ia Db] IIIC T80 °C Db IP66<br><input type="checkbox"/> 099-01-00995 |
| FSE 727 radiobus®<br>          | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>[Ex ia Ma] I<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex tb [ia Db] IIIC T80 °C Db IP66<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex tb [ia Db] IIIC T80 °C Db IP66<br><input type="checkbox"/> 099-01-00995 |
| FSE 736 radiobus® (HR270)<br> | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>[Ex ia Ma] I<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex tb [ia Db] IIIC T80 °C Db IP66<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex tb [ia Db] IIIC T80 °C Db IP66<br><input type="checkbox"/> 099-01-00995 |
| FSE 737 radiobus® (HR270)<br> | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>[Ex ia Ma] I<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex db eb [ia Gb] IIC T6 Gb<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex tb [ia Db] IIIC T80 °C Db IP66<br><input type="checkbox"/> 099-01-00995 | (receiver in flameproof enclosure with antenna coupler module inside receiver)<br>Ex tb [ia Db] IIIC T80 °C Db IP66<br><input type="checkbox"/> 099-01-00995 |

# HBC radio controls with Ex approval (IECEx)



|                            |        |             |     |             |     |              |              |
|----------------------------|--------|-------------|-----|-------------|-----|--------------|--------------|
| Atmosphere                 | Mining | Gas (G)     |     |             |     | Dust (D)     |              |
| Equipment protection level | Ma     | Gb (zone 1) |     | Gc (zone 2) |     | Db (zone 21) | Dc (zone 22) |
| Group                      |        | IIB         | IIC | IIB         | IIC |              |              |

| HBC antennas*                                                                                                                                                                                  |                                                                        |                                                                             |                                                                             |                                                                             |                                                                             |                                                                                   |                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <div>AA050026</div> <div>405 – 470 MHz</div> <div><input type="checkbox"/> 099-01-00978</div> <div></div>     | <div>Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00977</div> |
| <div>AA050027</div> <div>870 – 950 MHz</div> <div><input type="checkbox"/> 099-01-00979</div> <div></div>    | <div>Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00977</div> |
| <div>AA050028</div> <div>2300 – 2500 MHz</div> <div><input type="checkbox"/> 099-01-00980</div> <div></div> | <div>Ex ia I Ma</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIC T6 Gb</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00977</div> | <div>Ex ia IIIC T135 °C Db</div> <div><input type="checkbox"/> 099-01-00977</div> |

\* In connection with an antenna coupling unit in the receiver.



# HBC radio controls with Ex approval (NEC/CEC)



|          | NEC 500 / CEC Appendix J |            | NEC 500 / CEC Appendix J |        |        |
|----------|--------------------------|------------|--------------------------|--------|--------|
| Class    | Class I                  |            | Class I                  |        |        |
| Division | Division 1               | Division 2 | Zone 0                   | Zone 1 | Zone 1 |
|          |                          |            |                          |        |        |

| HBC transmitters                                                                                                                                                        |                                                                                               |                                                                                               |                                                                                                   |                                                                                                   |                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <div>quadrix Ex</div> <div></div>                                                      | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01192</div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01192</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01192</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01192</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01192</div> |
| <div>micron 5 Ex</div> <div></div>                                                     | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01164</div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01164</div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01164</div>     | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01164</div>     | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01164</div>     |
| <div>micron 7 Ex</div> <div></div>                                                   | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01161</div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01161</div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01161</div>     | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01161</div>     | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01161</div>     |
| <div>spectrum Ex</div> <div><div>Housing sizes<br/>spectrum 2</div><div></div></div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01188</div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01188</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01188</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01188</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01188</div> |
| <div>spectrum Ex</div> <div><div>Housing sizes<br/>spectrum B</div><div></div></div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01181</div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01181</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01181</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01181</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01181</div> |
| <div>spectrum Ex</div> <div><div>Housing sizes<br/>spectrum 3</div><div></div></div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01174</div> | <div>Class I, Division 1, Group C,D T4</div> <div><input type="checkbox"/> 099-01-01174</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01174</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01174</div> | <div>Class I Zone 0 AEx /<br/>Ex ia IIB T4</div> <div><input type="checkbox"/> 099-01-01174</div> |

# Equipment for HBC radio systems with Ex approval



|                                                                                                                                                                | HBC BATTERIES AND BATTERY CHARGERS |                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------|
|                                                                                                                                                                |                                    |                      |
| HBC transmitters                                                                                                                                               | HBC batteries                      | HBC chargers         |
|                                                                                                                                                                |                                    |                      |
| quadrix Ex                                                                    | BE2230E0                           | QE108600<br>QE108300 |
| micron 7 Ex3 IIC                                                             | BE2230E0                           | QE108600<br>QE108300 |
| micron 5 Ex                                                                 | BE2230E0                           | QE108600<br>QE108300 |
| micron 7 Ex                                                                 | BE2230E0                           | QE108600<br>QE108300 |
| spectrum-Geräte<br>ATEX-Kategorie 3<br>Housing sizes<br>spectrum 2 / B / 3  | BE2250E0                           | QE109600<br>QE109300 |
| spectrum Ex <br>Housing sizes<br>spectrum 2 / B / 3                         | BE2250E0                           | QE109600<br>QE109300 |
| spectrum Ex IIC <br>Housing sizes<br>spectrum 2 / 3                         | BE2250E0                           | QE109600<br>QE109300 |

|                                                                                     | FLAMEPROOF ENCLOSURE                                                                                                                                                                                                                                                                       |                                                    |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
|                                                                                     |                                                                                                                                                                                                                                                                                            |                                                    |
|                                                                                     | Marking                                                                                                                                                                                                                                                                                    | HBC receivers                                      |
|                                                                                     |                                                                                                                                                                                                                                                                                            |                                                    |
|  | <div><div>Ex</div> I (M1) [Ex ia Ma] I</div> <div><div>Ex</div> II 2 (2) G Ex db eb [ia Gb] IIC T6 Gb</div> <div><div>Ex</div> II 2 (2) D Ex tb [ia Db] IIIC T80°C Db IP66</div> <div>[Ex ia Ma] I</div> <div>Ex db eb [ia Gb] IIC T6 Gb</div> <div>Ex tb [ia Db] IIIC T80°C Db IP66</div> | FSE 726 / 736 radiobus®<br>FSE 727 / 737 radiobus® |