ATEX technical instructions sheet for safe mounting

Terminal blocks *entrelec*

Compression clamp terminal blocks

Feed through & Ground

### D4/6.2L.Ex range

#### Ordering part numbers

| Feed through | Grey | 1SNA 146 251 R0500 |
| Blue          |      | 1SNA 146 058 R0700 |

| Ground        | Green/yellow (With rail contact) | 1SNA 146 253 R0700 |

#### Connecting capacity

- **Rated cross-section**: 4 mm²
- **Min solid wire**: 0.2 mm²
- **Max solid wire**: 6 mm²
- **Min flexible wire**: 0.2 mm²
- **Max flexible wire**: 4 mm²

#### EC Type examination certificate

<table>
<thead>
<tr>
<th>LCIE 02 ATEX 0015U</th>
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#### Supplementary EC type examination certificate

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<tr>
<th>LCIE 02 ATEX 0015U/01</th>
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#### Group category

- **I M2**
- **II 2GD**

#### Protection method

- **Ex e: increased security**
- **Ex i: intrinsic security**

*: in the presence of explosive dust atmospheres, terminal blocks are to be installed in certified enclosure II2D

### Technical specifications

#### Temperature of service

-55°C + 85°C

#### Temperature increase (IEC 947-7-1)

Maximum 45k

#### Insulating material

PA 6.6

#### IRC

600

#### Flammability (UL94)

V0

#### Rated current (IEC 947-7-1)

- (Not applicable to ground terminal blocks)
- 32 A

#### Dissipated power

1 W
### Maximum voltage

<table>
<thead>
<tr>
<th>Blocks in rows, DIN3 rail</th>
<th>Increased security (EN 60079-7)</th>
<th>Intrinsic security (EN 60079-11)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>660V</td>
<td>90V</td>
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</tbody>
</table>

| Blocks feed through & ground in rows, DIN3 rail | 660V | 90V |

| Blocks feed through in rows with jumper bar BJDL (Frontal, without screw) DIN3 rail | 420V | 90V |

| Blocks feed through & ground in rows, with jumper bar BJDL, DIN3 rail | 420V | 90V |

| Blocks feed through with test plug FC2 | 175V | 60V |

### General instructions

Instructions regarding recommended screwdriver and wire stripping length must be observed carefully:
- Wire stripping length: 11mm / 0.43"
- Recommended screw driver: 4mm / 0.16"