



Horn Series 8491


- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Options
 - with extension
 - without extension
- Polyamide, glass fibre reinforced
- Fixed, re-set signal tone
- Approx 105 dB at 1 m distance

Series 8491 horns are used as acoustic alarms.

STAHL

Zone 1 and Zone 2

Selection table

| Version | Description | for Voltage | Ordering code | | Weight [kg] |
|---|-------------|-------------|---------------------|-----------------------|----------------|
| | | | without extension | with extension | |
|  | Horn 8491 | 24 V, AC | 8491/1 – 024 | 8491/1 – 024 H | 0,95/1,0 |
| | | 42 V, AC | 8491/1 – 042 | 8491/1 – 042 H | 0,95/1,0 |
| | | 115 V, AC | 8491/1 – 115 | 8491/1 – 115 H | 0,95/1,0 |
| | | 230 V, AC | 8491/1 – 230 | 8491/1 – 230 H | 0,95/1,0 |
| | | 24 V, DC | 8491/5 – 024 | 8491/5 – 024 H | 0,95/1,0 |
| | | 80 V, DC | 8491/5 – 080 | 8491/5 – 080 H | 0,95/1,0 |

Technical data

| | | | |
|---|---|---|--|
| Explosion protection | EEx m II T6 | | |
| Test certificate | PTB Ex-92.C.2156 X Other certificates, 8491/1: BKI (Hungary), FTZU (Czech Republic), VNIIEF (Russia), SEV (Switzerland) Other certificates, 8491/5: VNIIEF (Russia) | | |
| Enclosure material | Polyamide, glass fibre reinforced | | |
| Degree of protection | IP 65 | | |
| Rated voltage | 24 V, 42 V, 115 V, 230 V, AC, 50/60 Hz 24 V, 80 V, DC | | |
| Back-up fuse/rated current | At rated voltage | Fuse | Rated current |
| | 24 V, AC 42 V, AC 115 V, AC 230 V, AC 24 V, DC 80 V, DC | 1,6 A medium-slow 1,6 A 0,8 A 0,20 A 3 A 0,5 A | 650 mA 650 mA 350 mA 90 mA 1 A 300 mA |
| Back-up fuse, e. g. junction box 8118 with fuse included, see page 8/13 | | | |
| Mounting position | Sound direction downwards | | |
| Sound intensity | ca. 105 dB at 1 m distance | | |
| Duty cycle | 100 % | | |
| Ambient temperature | – 20° C ... + 40° C | | |
| Connection | Cable 3 m length H05VVF 3(2) x 1 mm ² | | |

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Dimensions, all dimensions in mm – subject to alteration

