



Traffic Light Series 6091/2

- For use in
 - Zone 1 and Zone 2
 - Zone 22
- Available with 1, 2 or 3 lenses
- Lenses in
 - red
 - signal yellow
 - green
 - blue
 - clear
- Incandescent lamps
max. 60 W, 230 V
- 4 m long connection lead

STAHL

Series 6091/2 traffic lights are usable for controlling and signalling traffic respectively other movements in explosive gas atmospheres and areas with combustible dust.

Zones 1 & 2, 22

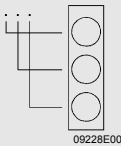
Selection Table

| Version | Description | Order number | Weight kg |
|--------------------------------|---------------|-----------------|--------------|
| Traffic light Series 6091/2 | with 1 lens | 6091/211- . | 3.900 |
| | with 2 lenses | 6091/221- . . | 8.000 |
| | with 3 lenses | 6091/231- . . . | 10.000 |

Order Number Supplement

Lense position

6091 / 231 - . . .



Specify lens colour


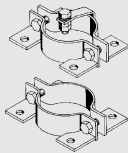




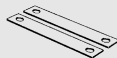
| Clour | Code |
|---------------|------|
| signal yellow | 1 |
| clear | 2 |
| red | 3 |
| blue | 4 |
| green | 5 |

Technical Data

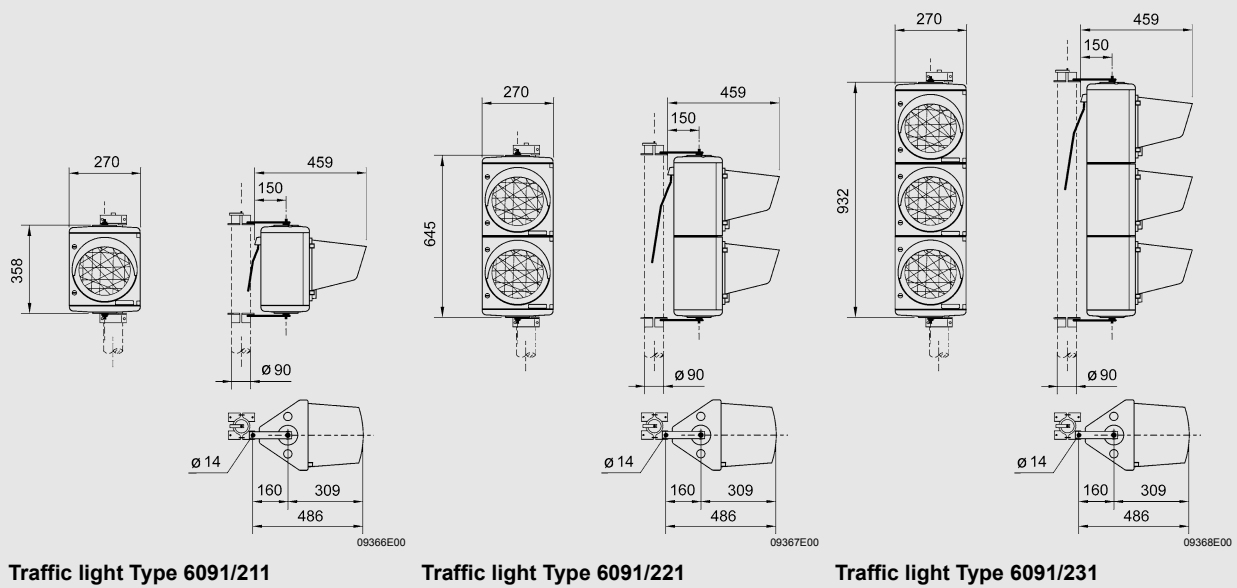
| | | | | |
|---------------------------|--|--|----------------------------|---|
| Explosion protection | | | | |
| Gas explosion protection | Ⓢ II 2 G EEx ed IIC T1, T2, T3* * see table lamps | | | |
| Dust explosion protection | Ⓢ II 3 D EEx T90 °C ... T115 °C* * see table lamps | | | |
| Certificates | ISSeP 02 ATEX 040 X | | | |
| Other certificates | Russia (CTB), Belarus (Promatomnadzor) | | | |
| Lamps | Incandescent lamp E 27 | Rated voltage capacity | Temperature class [T] | max. surface temperature T _{O max.} |
| | 25 W, 40 W, 60 W | 230 V to 60 W 130 V to 60 W 130 V to 40 W 24 / 42 V to 60 W | T3 T1 T2 T2 | T 90 °C T 95 °C T 95 °C T 115 °C |
| Material | | | | |
| Enclosure | Polycarbonate, black | | | |
| Lenses | Polycarbonate, Ø 200 mm | | | |
| Gasket | Neoprene, black | | | |
| Reflector | Copper, chromium plated | | | |
| Sun cover | Polyamide | | | |
| Cover fixing | M5 stainless steel slotted cheese head screw; cover with hinges | | | |
| Rated voltage | 24 V, 42 V, 130 V, 230 V | | | |
| Type of Protection | IP54 | | | |
| Mounting position | Vertical | | | |
| Ambient temperature | - 20 °C ... + 40 °C | | | |
| Terminal | Cable H07RN-F, length: 4 m 3 x 1,5 mm ² for 1 lens 4 x 1,5 mm ² for 2 lenses 5 x 1,5 mm ² for 3 lenses | | | |



Accessories and Spare Parts

| Designation | Illustration | Description | Order number | Weight kg | |
|-------------------|---|-----------------------------------|---------------|---------------|-------|
| Incandescent lamp |  04958E00 | 40 W E 27 230 V ▽ | 111690 | 0.044 | |
| | | 60 W E 27 230 V ▽ | 111691 | 0.042 | |
| | | 40 W E 27 130 V | 109305 | 0.042 | |
| | | 40 W E 27 24 V ▽ | 108859 | 0.042 | |
| | | 60 W E 27 24 V 575 lm | 108860 | 0.042 | |
| | | 40 W E 27 42 V ▽ | 108862 | 0.042 | |
| | | 60 W E 27 42 V ▽ | 108863 | 0.042 | |
| Pole mounting set |  09254E00 | For pole mounting, diameter 90 mm | 1 pair | 118901 | 1.100 |
| Lenses |  05433E00 | Colour: signal yellow | 118905 | 0.585 | |
| | | Colour: clear | 118909 | 0.600 | |
| | | Colour: red | 118911 | 0.585 | |
| | | Colour: blue | 118902 | 0.600 | |
| | | Colour: green | 118907 | 0.500 | |
| | | complete with front cover | | | |
| Sun cover |  05434E00 | is supplied with (Spare part) | | 118915 | 0.457 |
| Reflector |  05432E00 | | | 118913 | 0.180 |
| Lampholder |  09369E00 | E 27 in EEx ed (complete) | | 118903 | 0.300 |
| Mounting rails |  09370E00 | is supplied with (Spare part) | 1 pair | 118900 | 0.210 |

Dimensional Drawings (All Dimensions in mm) – Subject to Alterations



We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.

