

Strobe Light BLK

**Robust optical signalling device
for indoor and outdoor use**

- ▶ Protection degree IP 65
- ▶ Compensation valve to prevent condensation water
- ▶ Types BLK 32 + 42 for extended temperature range -50°C to +50°C
- ▶ Flash energy: 5 joule or 15 joule

Application

It is often necessary to use optical signals for warning and indicating purposes in very noisy surroundings.

The BLK strobe light emits clearly recognisable signals. The sturdy housing conforms to protection degree IP 65 and is suitable for both indoor and outdoor use.

The strobe light is available in five different cap colours.

The BLK strobe light also comes in a version with cover contact for 12 VDC and 24 VDC.

This tamper switch can be integrated into the closed circuit current of a burglar alarm system.

Design

The modern electronics are mounted on a printed circuit board of glass fibre reinforced epoxy resin. A powerful electronic flash tube converts the electrical energy stored in the flash capacitor into light flashes with high efficiency.

The weather-proof coated aluminium die-cast housing is equipped with a ribbed cap of impact-resistant plexi-glass. The strobe light is provided with a M20 cable gland for cable diameters of 8 to 12 mm.

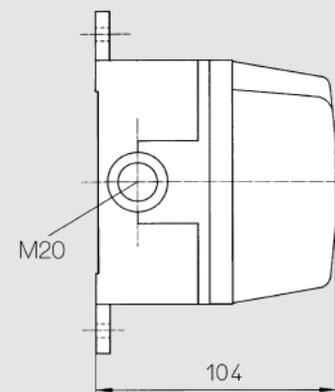
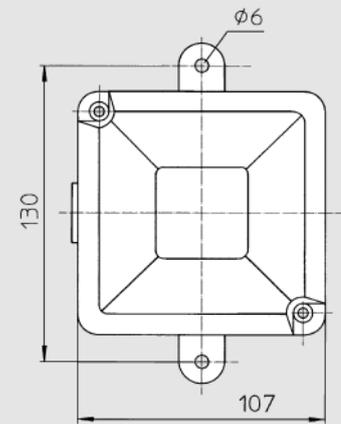
Alarm system in a quarry

The BLK strobe light emits clearly recognisable signals.



Technical specifications

| | | |
|----------------------|---|----------------|
| Housing | Seawater-proof aluminium, surface weather-proof coated | |
| Colour | Light grey | |
| Cap | Plexiglass (BLK 32/42: Macrolon (polycarbonat)) | |
| Colours | transparent, red, yellow, green, blue | |
| Protection degree | IP 65 acc. IEC 60529 | |
| Protection class | I | |
| Cable gland | 1 x M20 for cables 8–12 mm (second cable gland is retrofittable) | |
| Connection terminals | Cross section: 2,5 mm ² single wire 1,5 mm ² fine wire | |
| Operating conditions | Indoors and outdoors | |
| Operating position | Any (preferably with cable gland downwards) | |
| Operating mode | BLK 30/40, 32/42: Continuous BLK 50/60: Short-time operation KB 5 | |
| Flash energy | BLK 30/40, 32/42: 5 joule BLK 50/60: 15 joule | |
| Flash frequency | BLK 30/40, 32/42: 60/min. BLK 50/60: 30/min. | |
| Temperature range | BLK 30, 40, 50, 60 | BLK 32, 42 |
| Operation | -30°C to +50°C | -50°C to +50°C |
| Storage | -30°C to +70°C | -50°C to +70°C |
| Weight | Approx. 0.7 kg | |



Order information

* The full article number is made up by appending the colour code for the coloured cap to the article numbers given below.

| | |
|----------------|----|
| transp. | 01 |
| red | 02 |
| yellow | 03 |
| green | 04 |
| blue | 05 |

| Type | Name | Rated voltage U _e | Operating voltage range U _e | Current consumption | Fuse 5x20 | Art. no.* |
|----------|--------------|------------------------------|--|---------------------|-------------------|-----------|
| BLK 30 | Strobe Light | 24 VAC 50 – 60 Hz | 15 – 32 V | 0.50 A | 2.0 AT (time lag) | 224 110 |
| BLK 30 | Strobe Light | 230 VAC 50 – 60 Hz | -10/+6% | 0.07 A | 2.0 AT (time lag) | 224 112 |
| BLK 32 | Strobe Light | 230 VAC 50 – 60 Hz | -10/+6% | 0.07 A | 2.0 AT (time lag) | 224 212 |
| BLK 40 | Strobe Light | 12 VDC | 9 – 16 V | 0.70 A | 1.0 AT (time lag) | 224 113 |
| BLK 42 | Strobe Light | 12 VDC | 9 – 16 V | 0.70 A | 1.0 AT (time lag) | 224 213 |
| BLK 40 | Strobe Light | 24 VDC | 15 – 32 V | 0.30 A | 2.0 AT (time lag) | 224 114 |
| BLK 42 | Strobe Light | 24 VDC | 15 – 32 V | 0.30 A | 1.0 AT (time lag) | 224 214 |
| BLK 40 | Strobe Light | 48 VDC | 33 – 60 V | 0.18 A | 2.0 AT (time lag) | 224 115 |
| BLK 40 D | Strobe Light | 12 VDC | 9 – 16 V | 0.80 A | 2.0 AT (time lag) | 224 131 |
| BLK 40 D | Strobe Light | 24 VDC | 15 – 32 V | 0.35 A | 1.0 AT (time lag) | 224 132 |
| BLK 50 | Strobe Light | 230 VAC 50 – 60 Hz | -10/+6% | 0.25 A | 2.0 AT (time lag) | 224 122 |
| BLK 60 | Strobe Light | 24 VDC | 16 – 30 V | 0.90 A | 2.0 AT (time lag) | 224 124 |

Subject to change without notice · Printout 01/13