

# 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  $-50^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$
- ▶ 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 with VDS approval for fire-alarm and burglar-alarm systems.

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 plexiglass. The strobe light is provided with a Pg 11 cable gland for cable diameters of 8 to 12 mm.

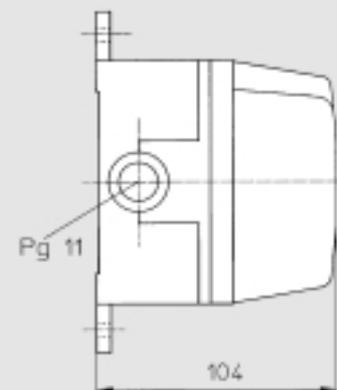
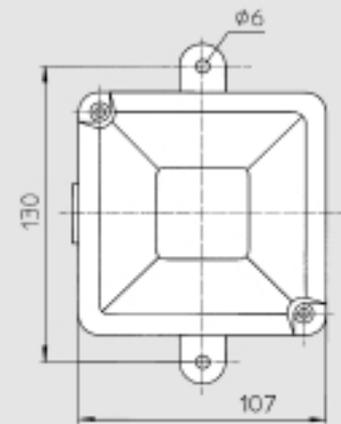
### Alarm system in a quarry

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 (IEC 529)	
Protection class	I	
Cable gland	1 x Pg 11 for cables 8–12 mm (second cable gland is retrofittable)	
Connection terminals	Cross section: 2,5 mm <sup>2</sup> single wire 1,5 mm <sup>2</sup> 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	
<b>Flash energy</b>	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	



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

<b>transp.</b>	01
<b>red</b>	02
<b>yellow</b>	03
<b>green</b>	04
<b>blue</b>	05

## Order information

Type	Name	Rated voltage U <sub>e</sub>	Operating voltage range U <sub>e</sub>	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 ..

