

BLK...series

Strobe light signal

AC8473/1001

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 +55°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 M20 x 1,5 cable gland for cable diameters of 8 to 12 mm.



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 M20 x 1,5 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 +55°C	-50°C to +55°C
Storage	-30°C to +70°C	-50°C to +70°C
Weight	Approx. 0.7 kg	

