

S 183

OPTICAL SIGNAL DEVICES Ø 60mm



- Compact and easy to install
- Standard or ultra- bright LED
- Elegant line and great brightness
- Resistant to vibration and bad weather
- Sold with anti-tampering block

TECHNICAL FEATURES

Compliance
 Directive 2006/95/EC Low Voltage
 Directive 2004/108/EC Electromagnetic Compatibility
 Directive 2011/65/EC RhOS
 Directive 2006/42/EC Machinery

Conformity to standards
 EN 60947.5.1 - EN 60073 - EN 60529 - EN 60068.2.6 and 27
 EN 60204.1 - EN ISO 7731 - EN 981 - IEC 536

Material
 polycarbonate

Operating Voltage
 max 250 V

Protection degree
 IP 65 - According to EN 60529

Protection against electrical shock
 Class II, double insulation. According to IEC 536

Operating temperature
 -20°C + 50°C

Resistance to vibrations
 2 g min. (10 - 150 Hz) according to EN 60068.2.6

Lens Color
 amber - blue - yellow - neutral - red - green according to EN 60073

Connections
 with screw cable clamp (max cable size 1,5 mm²)

Dimension
 type A, 62 mm x 75 mm / type F, 62 mm x 60 mm

FLASHING OR STEADY LED LIGHT UNIT

Pre-set with flashing light, (to change the function shift the jumper inside).

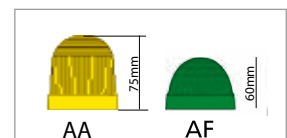
Light output
 by means of ultra bright LEDs

Flash frequency
 approx. 1,4 Hz (84 flashes per minute) according to EN 60073

Operating Voltage
 24 V AC/DC

Current consumption
 24V dc/ac - 40 mA

Lasting
 > 50.000 working hours



BA	ORDER CODES		BF	ORDER CODES	
COLOR	Colored dome 24 V DC-AC	Neutral dome 24 V DC-AC	COLOR	Colored dome 24 V DC-AC	Neutral dome 24 V DC-AC
●	BA42-BL	BA642BL	●	BF42-BL	BF642BL
●	BA43-BL	BA643BL	●	BF43-BL	BF643BL
●	BA44-BL	BA644BL	●	BF44-BL	BF644BL
●	BA45-BL	BA645BL	●	BF45-BL	BF645BL
●	BA46-BL	BA646BL	●	BF46-BL	BF646BL
●	BA49-BL	BA649BL	●	BF49-BL	BF649BL

STEADY LIGHT LED

Light output
with ba15d ultra bright LED
or filament bulb
Operating voltage
12-240V

Current consumption
with incandescent 5W bulbs:
24 V, 210 mA - 115 V, 43 mA - 240 V, 22 mA
with LED bulbs:
24 V, 35 mA - 115 V, 20 mA - 240 V, 22 mA

BA		ORDER CODES					
COLOR	12-230 V without bulb	24V DC-AC	115 V AC	230 V AC	24V DC-AC	115 V AC	230 V AC
		LED bulb included			Filament bulb included		
●	BA12-00	BA12424	BA12415	BA12430	BA12-24	BA12-15	BA12-30
●	BA13-00	BA13424	BA13415	BA13430	BA13-24	BA13-15	BA13-30
●	BA14-00	BA14424	BA14415	BA14430	BA14-24	BA14-15	BA14-30
●	BA15-00	BA15424	BA15415	BA15430	BA15-24	BA15-15	BA15-30
●	BA16-00	BA16424	BA16415	BA16430	BA16-24	BA16-15	BA16-30
●	BA19-00	BA19424	BA19415	BA19430	BA19-24	BA19-15	BA19-30

BF		ORDER CODES					
COLOR	12-230 V without bulb	24V DC-AC	115 V AC	230 V AC	24V DC-AC	115 V AC	230 V AC
		LED bulb included			Filament bulb included		
●	BF12-00	BF12424	BF12415	BF12430	BF12-24	BF12-15	BF12-30
●	BF13-00	BF13424	BF13415	BF13430	BF13-24	BF13-15	BF13-30
●	BF14-00	BF14424	BF14415	BF14430	BF14-24	BF14-15	BF14-30
●	BF15-00	BF15424	BF15415	BF15430	BF15-24	BF15-15	BF15-30
●	BF16-00	BF16424	BF16415	BF16430	BF16-24	BF16-15	BF16-30
●	BF19-00	BF19424	BF19415	BF19430	BF19-24	BF19-15	BF19-30

FLASHING OR STEADY LIGHT UNIT

Light output
with ba15d ultra bright LED or filament bulb
Flash frequency: approx. 1,4 Hz (84 flashes per minute)
according to EN 60073
Operating voltage
24V AC/DC, 115V AC, 230V AC

Current consumption
with incandescent 5W bulbs:
24 V, 220 mA - 115 V, 45 mA - 230 V, 25 mA
with LED bulbs:
24 V, 35 mA - 115 V, 20 mA - 230 V, 20 mA

BA		ORDER CODES						
COLOR	12-24 V AC-DCAC without bulb	24-230 V DC-AC without bulb	24V 115V AC		230V AC DC-AC	24 V	115 V AC	230 V AC
			LED bulb included			Filament bulb included		
●	BA22-K0	BA22-W0	BA22424	BA22415	BA22430	BA22-24	BA22-15	BA22-30
●	BA23-K0	BA23-W0	BA23424	BA23415	BA23430	BA23-24	BA23-15	BA23-30
●	BA24-K0	BA24-W0	BA24424	BA24415	BA24430	BA24-24	BA24-15	BA24-30
●	BA25-K0	BA25-W0	BA25424	BA25415	BA25430	BA25-24	BA25-15	BA25-30
●	BA26-K0	BA26-W0	BA26424	BA26415	BA26430	BA26-24	BA26-15	BA26-30
●	BA29-K0	BA29-W0	BA29424	BA29415	BA29430	BA29-24	BA29-15	BA29-30

BF		ORDER CODES						
COLOR	12-24 V AC-DCAC without bulb	24-230 V DC-AC without bulb	24V 115V AC		230V AC DC-AC	24 V	115 V AC	230 V AC
			LED bulb included			Filament bulb included		
●	BF22-K0	BF22-W0	BF22424	BF22415	BF22430	BF22-24	BF22-15	BF22-30
●	BF23-K0	BF23-W0	BF23424	BF23415	BF23430	BF23-24	BF23-15	BF23-30
●	BF24-K0	BF24-W0	BF24424	BF24415	BF24430	BF24-24	BF24-15	BF24-30
●	BF25-K0	BF25-W0	BF25424	BF25415	BF25430	BF25-24	BF25-15	BF25-30
●	BF26-K0	BF26-W0	BF26424	BF26415	BF26430	BF26-24	BF26-15	BF26-30
●	BF29-K0	BF29-W0	BF29424	BF29415	BF29430	BF29-24	BF29-15	BF29-30

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OPTICAL SIGNAL DEVICES \varnothing 60mm



- Equipped with ultra bright LED
- Elegant line and great brightness
- Compact and easy to install
- 2 different domes in different colors
- Sold with anti-tampering block

TECHNICAL FEATURES

Compliance

Directive 2006/95/EC Low Voltage.

Directive 2004/108/EC Electromagnetic Compatibility.

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Conformity to standards

EN 60947.5.1 - EN 60073 - EN 60529 - EN 60068.2.6 and 27

EN 60204.1 - EN ISO 7731 - EN 981 - IEC 536

Material

polycarbonate (PC)

Operating Voltage

max 250 V

Protection degree

IP 65 - According to EN 60529

Protection against electrical shock

Class II, double insulation. According to IEC 536

Resistance to vibrations

2 g min. (10 - 150 Hz) according to EN 60068.2.6

Operating temperature

-20°C +50°C

Lens Color

amber - blue - yellow - neutral - red - green

Connections

with screw cable clamps (max cable size 1,5 mm²)

Dimension

type A, 62 mm x 75 mm / type F, 62 mm x 60 mm

FLASHING OR STEADY LED LIGHT UNIT

Light output

with ultra bright integrated LEDs

Lasting

more than 50.000 working hours

Operating Voltage

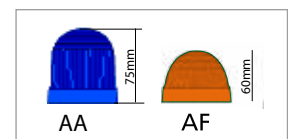
24 V DC/AC

Current consumption

24V AC/DC -40 mA

Flash frequency

1.4 Hz approx. (84 flashes per min.) according to EN 60073



CA	ORDER CODES		CF	ORDER CODES	
COLOR	Colored dome 24 V DC-AC	Neutral dome 24 V DC-AC	COLOR	Colored dome 24 V DC-AC	Neutral dome 24 V DC-AC
●	CA42-BL	CA642BL	●	CF42-BL	CF642BL
●	CA43-BL	CA643BL	●	CF43-BL	CF643BL
●	CA44-BL	CA644BL	●	CF44-BL	CF644BL
●	CA45-BL	CA645BL	●	CF45-BL	CF645BL
●	CA46-BL	CA646BL	●	CF46-BL	CF646BL
●	CA49-BL	CA649BL	●	CF49-BL	CF649BL

STEADY LIGHT UNIT

Light output
with ba15d ultra bright LED or filament bulb

Operating voltage
12-240 V

Current consumption
with incandescent 5W bulbs:
24 V, 210 mA - 115 V, 43 mA - 240 V, 22 mA

with LED bulbs:
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COLOR	12-230 V Without bulb	24V DC-AC	115 V AC	230 V AC	24V DC-AC	115 V AC	230 V AC
		LED bulb included			Filament bulb included		
●	CA12-00	CA12424	CA12415	CA12430	CA12-24	CA12-15	CA12-30
●	CA13-00	CA13424	CA13415	CA13430	CA13-24	CA13-15	CA13-30
●	CA14-00	CA14424	CA14415	CA14430	CA14-24	CA14-15	CA14-30
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●	CA16-00	CA16424	CA16415	CA16430	CA16-24	CA16-15	CA16-30
●	CA19-00	CA19424	CA19415	CA19430	CA19-24	CA19-15	CA19-30

BF		ORDER CODES					
COLOR	12-230 V Without bulb	24V DC-AC	115 V AC	230 V AC	24V DC-AC	115 V AC	230 V AC
		LED bulb included			Filament bulb included		
●	CF12-00	CF12424	CF12415	CF12430	CF12-24	CF12-15	CF12-30
●	CF13-00	CF13424	CF13415	CF13430	CF13-24	CF13-15	CF13-30
●	CF14-00	CF14424	CF14415	CF14430	CF14-24	CF14-15	CF14-30
●	CF15-00	CF15424	CF15415	CF15430	CF15-24	CF15-15	CF15-30
●	CF16-00	CF16424	CF16415	CF16430	CF16-24	CF16-15	CF16-30
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with ba15d ultra bright LED or filament bulb

Operating voltage
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with incandescent 5W bulbs:
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with LED bulbs:
24 V, 35 mA - 115 V, 20 mA - 230 V, 20 mA

CA		ORDER CODES						
COLOR	12-24V AC-DCAC	24-230V DC-AC	24 V	115 V AC	230V AC DC-AC	24V	115 V AC	230 V AC
	Without bulb	Without bulb	LED bulb included			Filament bulb included		
●	CA22-K0	CA22-W0	CA22424	CA22415	CA22430	CA22-24	CA22-15	CA22-30
●	CA23-K0	CA23-W0	CA23424	CA23415	CA23430	CA23-24	CA23-15	CA23-30
●	CA24-K0	CA24-W0	CA24424	CA24415	CA24430	CA24-24	CA24-15	CA24-30
●	CA25-K0	CA25-W0	CA25424	CA25415	CA25430	CA25-24	CA25-15	CA25-30
●	CA26-K0	CA26-W0	CA26424	CA26415	CA26430	CA26-24	CA26-15	CA26-30
●	CA29-K0	CA29-W0	CA29424	CA29415	CA29430	CA29-24	CA29-15	CA29-30

CF		ORDER CODES						
COLOR	12-24 V AC-DCAC	24-230 V DC-AC	24 V	115 V AC	230V AC DC-AC	24V	115 V AC	230 V AC
	Without bulb	Without bulb	LED bulb included			Filament bulb included		
●	CF22-K0	CF22-W0	CF22424	CF22415	CF22430	CF22-24	CF22-15	CF22-30
●	CF23-K0	CF23-W0	CF23424	CF23415	CF23430	CF23-24	CF23-15	CF23-30
●	CF24-K0	CF24-W0	CF24424	CF24415	CF24430	CF24-24	CF24-15	CF24-30
●	CF25-K0	CF25-W0	CF25424	CF25415	CF25430	CF25-24	CF25-15	CF25-30
●	CF26-K0	CF26-W0	CF26424	CF26415	CF26430	CF26-24	CF26-15	CF26-30
●	CF29-K0	CF29-W0	CF29424	CF29415	CF29430	CF29-24	CF29-15	CF29-30