

# Lighting

## Emergency luminaire for fluorescent lamps

GRP

6009/542-9617-1622-71 Art. No. 238148



- Can be used in Zones 1, 2, 21 and 22
- Two fluorescent lamps: 18 W and 36 W
- Weekly function test and annual emergency light duration test

WebCode 6009A



The 6009 series EXLUX emergency luminaire is suitable for use as safety lighting. It is lightweight and requires minimal maintenance. The battery is housed in the external enclosure and powers the emergency lighting for 1.5 or 3 hours. If one lamp is faulty, the luminaire switches to the working lamp. When the central lock is opened, the luminaire is always disconnected from the power supply at all poles.

### Technical Data

#### Explosion Protection

Ex version	Yes
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 13.0059
IECEX gas explosion protection	Ex db eb mb IIC T4 Gb
IECEX dust certificate	IECEX PTB 13.0059
IECEX dust explosion protection	Ex tb IIIC T80 °C Db
ATEX gas certificate	PTB 13 ATEX 2015
ATEX gas explosion protection	⊕ II 2 G Ex db eb mb IIC T4 Gb
ATEX dust certificate	PTB 13 ATEX 2015
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T80 °C Db
EAC certificate	EAEU RU C-DE.HA91.B.00061/19
EAC gas explosion protection	⊕ 1 Ex d e mb IIC T4 Gb
EAC dust explosion protection	⊕ Ex tb IIIC T80°C Db
Certificates	ATEX (PTB), Brazil (ULB), China (CQST), EAC (ENDCE), IECEx (PTB), India (PESO), Polen (CNBOP)
Ship approval	DNV GL

#### Electrical Data

Rated operational voltage AC	220 – 240 V
Rated operational voltage max. AC	240 V
Rated operational voltage min. AC	220 V
Battery version	NiCd-battery, gas-tight
Battery operating voltage	6 V
Battery capacity	7 Ah

# Lighting

Emergency luminaire for fluorescent lamps

GRP

6009/542-9617-1622-71 Art. No. 238148



## Electrical Data

Self-test function	with (Standard)
Frequency range	50 – 60 Hz

## Lighting Data

Number of lamps	2
Lamp wattage	36 W
Lamp	lamp base G13
Luminaire efficacy	0 lm/W
Luminous flux	0 lm
Operating time	1,5 / 3h emergency light
Emergency light mode	Continuous light or stand-by light
Emergency light output	30 % - 3 h 60 % - 1,5 h
Colour temperature	0 K

## Ambient Conditions

Ambient temperature	-30 °C ... +50 °C Note: Through wiring max. 3x16 A -30 °C ... +55 °C Note: Through wiring 2 max. 3x8 A
---------------------	---

## Mechanical Data

Version	Standard
Degree of protection IP (IEC 60598)	IP66 / IP67
Class	I (internal PE connection)
Enclosure material	Polyester resin, glass fibre-reinforced
Sealing material	Silicone
Silicon free	2
Material translucent cover	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3 + L´
Connection terminals solid max.	6 mm <sup>2</sup>
Connection terminals finely-stranded max.	4 mm <sup>2</sup>
Lighting lock	central lock , for socket wrench
Type of connection cable	finely-stranded solid
Design size	4
Width	183.5 mm
Height	125 mm
Length	1467 mm
Impact strength (IEC 62262)	IK10
Enclosure colour	light grey (RAL 7035)
Weight	9.6 kg
Weight	21.16 lb
Disconnection of the luminaire	all-pole disconnection

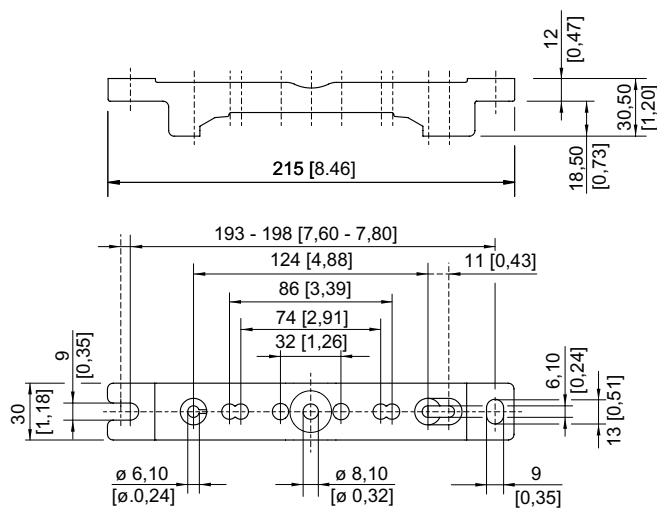
## Components

Threaded plate	2x Stainless steel SS430
Ballast	6043/792-201
Through wiring	with 6 conductors 2,5qmm
Battery-Version	NiCd-battery, gas-tight

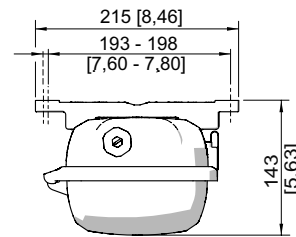
#### Components

Drilled holes	3 x M20
Cable entries	to be ordered as accessory
Stopping plug	to be ordered as accessory
Accessories	without

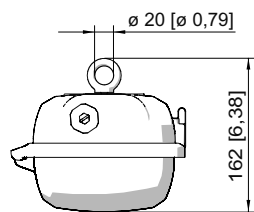
#### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



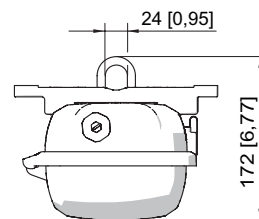
Mounting rail



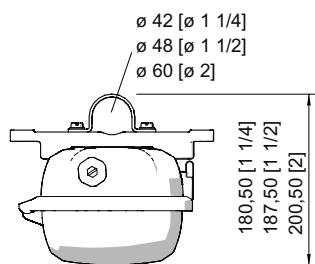
Mounting rail



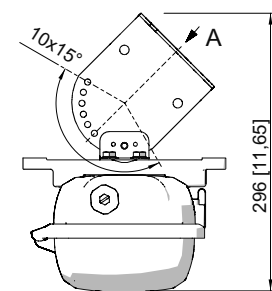
Ring bolt fitted in insert nut of the luminaire



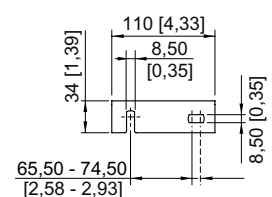
Mounting bracket fitted in mounting rail



Pipe clamp fitted in mounting rail



A



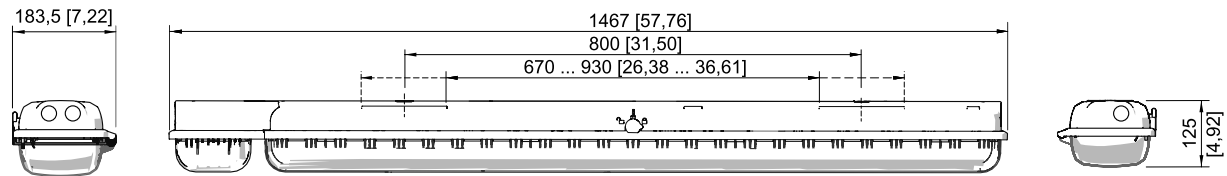
Wall mounting bracket fitted in mounting rail

# Lighting

Emergency luminaire for fluorescent lamps

GRP

6009/542-9617-1622-71 Art. No. 238148



Size 4

# Lighting

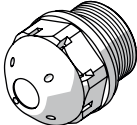
Emergency luminaire for fluorescent lamps

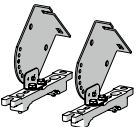
GRP

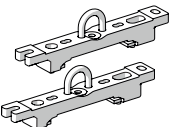
6009/542-9617-1622-71 Art. No. 238148

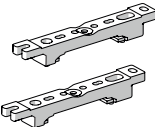


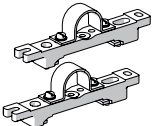
## Accessories


Breather		Art. No.
	Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut	138573
	Thread: M25 x 1.5; 20 pc; for installation in lights; in moulded material; without counter nut	138576


Ceiling and wall mounting bracket		Art. No.
	mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair	222827

Mounting bracket		Art. No.
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456

Mounting rail		Art. No.
	for a variable mounting distance; 1 pair	222826

Pipe clamp		Art. No.
	R 1 1/2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222459
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460

Pole mounting sleeve		Art. No.
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)	227512

Ring bolt		Art. No.
	M8, direct mounting in insert nuts; 1 pair	115736

Socket key		Art. No.
	M8 / wrench size 13; to open/close the central locking	222430

## Spare Parts

Battery set		Art. No.
-------------	--	----------

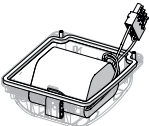
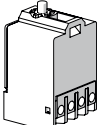
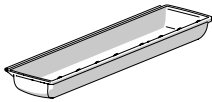
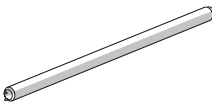
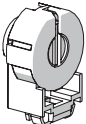
## Lighting

Emergency luminaire for fluorescent lamps

GRP

6009/542-9617-1622-71 Art. No. 238148

STAHL

	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532
<b>Contact element</b>		<b>Art. No.</b>
	8080/1-3-L 2 NC contact element	132527
<b>Cover</b>		<b>Art. No.</b>
	for luminaire size 4	222428
<b>Fluorescent lamp</b>		<b>Art. No.</b>
	36 W, 3350 lm	108951
<b>Lamp holder</b>		<b>Art. No.</b>
	G13 Ex e lamp holder for light fittings with T8 fluorescent lamps for use in Zone 1	117252

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