

# Emergency Luminaire for Fluorescent Lamps EXLUX

Series 6409/5

STAHL



- Can be used in Zones 2, 21 and 22
- Weekly function test and annual emergency light duration test

E2

WebCode 6409A



The 6409 Series EXLUX emergency luminaire is suitable for use as safety lighting. It is lightweight and requires minimal maintenance. The external battery powers the emergency lighting for 1.5 or 3 hours. If one lamp is faulty, the luminaire switches to the working lamp. When the luminaire or battery case is opened, the battery circuit is disconnected. The robust plastic enclosure of the luminaire is easy to open thanks to the practical central lock.

IECEx / ATEX	
Zone	0 1 2 20 21 22
Installation in	• • •

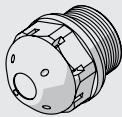
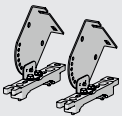
Selection Table							
Size		2					
Lamp wattage		18 W					
Drilled holes	Threaded plate	Cable glands and entries	Stopping plugs	Max. solid connection terminals	Product Type	Art. No.	Weight
3 x M20	2x stainless steel	Can be ordered as accessories	Can be ordered as accessories	6 mm <sup>2</sup>	6409/522-9607-1622-7	240874	7.4 kg
3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6 mm <sup>2</sup>	6409/522-9607-1611-7	240873	7.3 kg
Size		4					
Lamp wattage		36 W					
Drilled holes	Threaded plate	Cable glands and entries	Stopping plugs	Max. solid connection terminals	Product Type	Art. No.	Weight
3 x M20	2x stainless steel	Can be ordered as accessories	Can be ordered as accessories	6 mm <sup>2</sup>	6409/542-9607-1622-7	240895	9.63 kg
3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6 mm <sup>2</sup>	6409/542-9607-1611-7	240894	9.7 kg

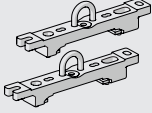
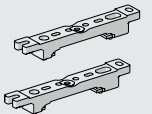
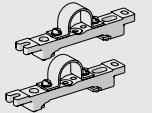

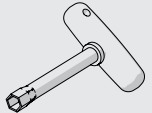
Cable glands and entries and stopping plugs made from moulded material are included loose with the product (installation required). Threaded plate included.

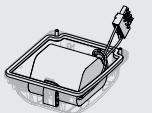
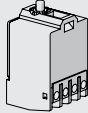


The light fittings are supplied without fluorescent lamps or mounting material. These parts must be ordered as accessories.

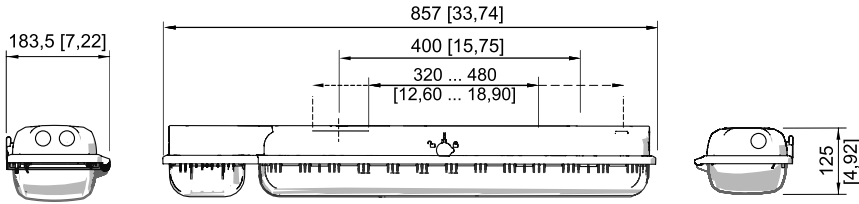
Technical Data	
Explosion Protection	
IECEx gas explosion protection	Ex db ec mb IIC T4 Gc
IECEx dust explosion protection	Ex tc / tb IIIC T80 °C Dc
IECEx dust explosion protection 2	Ex tb IIIC Dc
ATEX gas explosion protection	⊕ II 3 G Ex db ec mb IIC T4 Gc

Technical Data	
Explosion Protection	
ATEX dust explosion protection	⊕ II 3 D Ex tc / tb IIIC T80 °C Dc
ATEX dust explosion protection 2	⊕ II 3 D Ex tb IIIC Dc
Certificates	ATEX (PTB), IECEx (PTB)
Electrical Data	
Rated operational voltage AC	220 – 240 V
Frequency range	50 – 60 Hz
Battery operating voltage	6 V
Battery capacity	7 Ah
Self-test function	With (standard)
Notes	Disconnection of the light: <b>When opening the light</b> Switch with safety lock; when opening the central lock, all poles of the voltage supply to the ballast are disconnected; contacts of the switching element are NC contacts, they can only be switched on again when the lamp cover and the central locking system are closed. <b>In case of a lamp fault</b> , the electronic ballast disconnects the defective lamp from the power supply.
Lighting Data	
Number of lamps	2
Lamp	G13 lamp base
Operating time	1.5 / 3h emergency lighting operation
Emergency light mode	Continuous light Or stand-by light
Mechanical Data	
IP degree of protection (IEC 60598)	IP66 / IP67
Class	I (with inner PE connection)
Enclosure material	Polyester resin, Glass fibre reinforced
Sealing material	Silicone
Translucent cover material	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3 + L <sup>4</sup>
Type of connection cable	Solid Finely stranded
Impact strength (IEC 62262)	IK10
Enclosure colour	Light grey (RAL 7035)
Notes	Connection terminals: Spring clamp terminal (2 free clamping units per pole)
Components	
Through wiring	With 6 conductors 2.5 mm <sup>2</sup>
Battery-Version	NiCd battery, gas-tight
Ballast	6043/792-201
Cable entry material	Polyamide, black

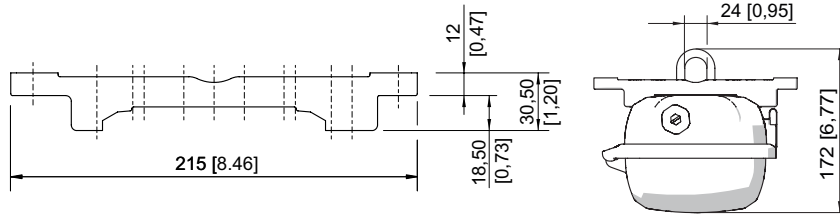
Accessories			
Figure	Description	Art. No.	Weight
Breather			
	Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut	138573	10 g
Ceiling and wall mounting bracket			
	mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair	222827	1.2 kg

Accessories			
Figure	Description	Art. No.	Weight
<b>Mounting bracket</b>			
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456	400 g
<b>Mounting rail</b>			
	for a variable mounting distance; 1 pair	222826	350 g
<b>Pipe clamp</b>			
	R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair	222459	700 g
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458	700 g
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460	750 g
<b>Ring bolt</b>			
	M8, direct mounting in insert nuts; 1 pair	115736	115 g
<b>Socket key</b>			
	M8 / wrench size 13; to open/close the central locking	222430	110 g

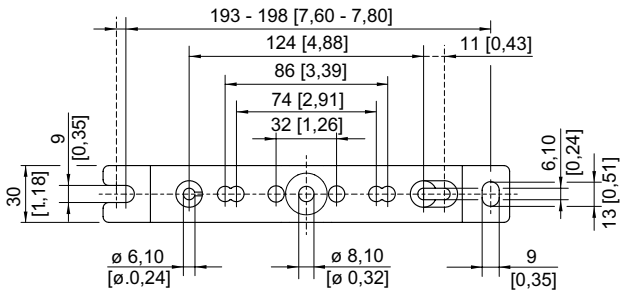
Spare Parts			
Figure	Description	Art. No.	Weight
<b>Battery set</b>			
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532	1.2 kg
<b>Contact element</b>			
	8080/1-3-L 2 NC contact element	132527	26 g
<b>Cover</b>			
	for luminaire size 4	222428	1.15 kg
	for luminaire size 2	222427	639 g
<b>Fluorescent lamp</b>			
	36 W, 3350 lm	108951	200 g
	18 W, 1350 lm	108952	100 g



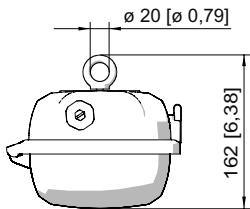
Size 2



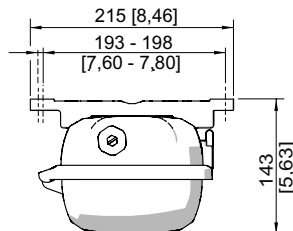
Mounting bracket fitted in mounting rail



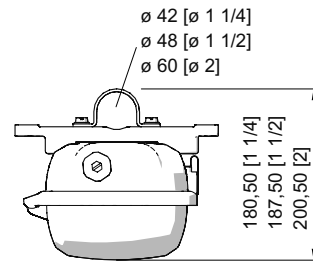
Mounting rail



Ring bolt fitted in insert nut of the luminaire



Mounting rail



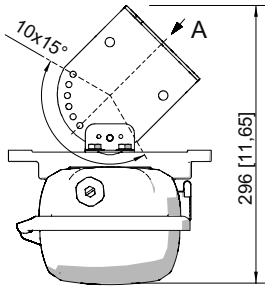
Pipe clamp fitted in mounting rail

# Emergency Luminaire for Fluorescent Lamps EXLUX

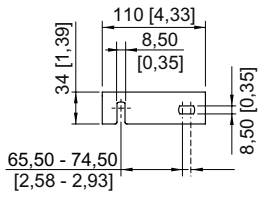
Series 6409/5



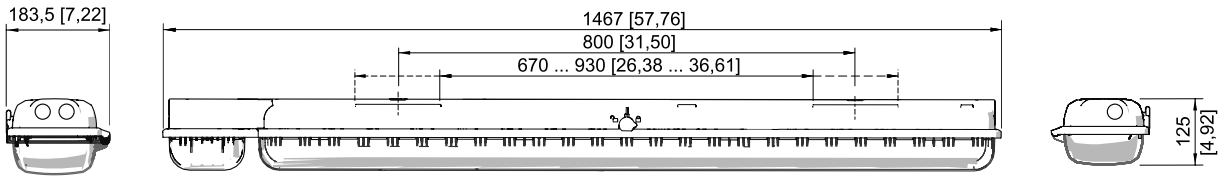
E2



A



Wall mounting bracket fitted in mounting rail



Size 4