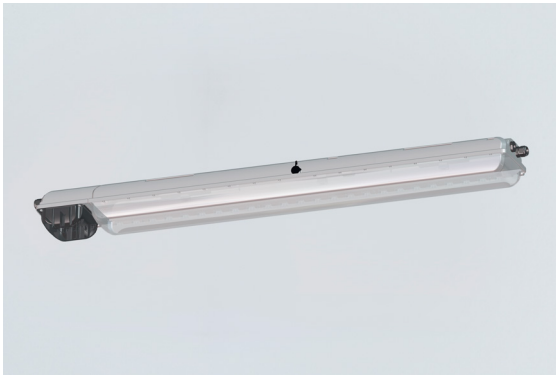


# Emergency Luminaire with LED EXLUX

Series 6409/4



- State-of-the-art LED technology with high luminous efficacy and long service life
- Extremely high luminaire efficacy
- Choice between a 1.5 h or 3.0 h rated operating time
- Luminous flux after 100,000 h still 90% of the starting luminous flux
- Optionally with DALI for controlling and monitoring the luminaire
- Weekly function test and annual rated operating time test

E3

WebCode **6409C**



The emergency luminaire with Series 6409/4 LED with integrated battery can be installed in stand-by switching, continuous mode or in switchable stand-by switching. A weekly functional test and annual rated operating time test are performed automatically. The results are indicated by an LED.

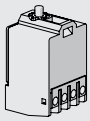
	ATEX / IECEx					
Zone	0	1	2	20	21	22
Installation in			•		•	•

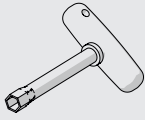
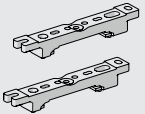
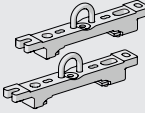

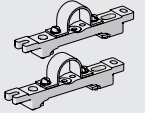

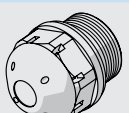
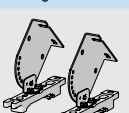

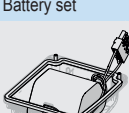
Selection Table						
Design size	2					
Lamp wattage	25 W					
Operating time	Ballast	Product Type	Art. No.	PS	Weight kg	
1.5 h emergency lighting operation	LED NLE 80 W 110-240 V/7 Ah/1.5 h/	6409/4128-5103-162-1110-11-850011	267859	64	5.400	
3 h emergency lighting operation	LED NLE 80 W 110-240 V/7 Ah/3 h/	6409/4128-5203-162-1110-11-850011	267860	64	5.400	
Design size	4					
Lamp wattage	45 W					
Operating time	Ballast	Product Type	Art. No.	PS	Weight kg	
1.5 h emergency lighting operation	LED NLE 80 W 110-240 V/7 Ah/1.5 h/	6409/4148-5103-162-1110-11-850011	267861	64	8.100	
3 h emergency lighting operation	LED NLE 80 W 110-240 V/7 Ah/3 h/	6409/4148-5203-162-1110-11-850011	267862	64	8.100	

Screw connections and stopping plugs made from moulded material are included loose with the product (installation required).  
Threaded plate included.  
The light fittings are supplied without mounting material.

Technical Data		
Variant	Design size 2	Design size 4
Explosion Protection		
Gas explosion protection IECEx	Ex db ec IIC T4 Gc	Ex db ec IIC T4 Gc
Gas explosion protection ATEX	⊕ II 3 G Ex db ec IIC T4 Gc	⊕ II 3 G Ex db ec IIC T4 Gc
Dust explosion protection IECEx	Ex tb op is IIIC T100 °C Db	Ex tb op is IIIC T100 °C Db
Dust explosion protection ATEX	⊕ II 2 D Ex tb op is IIIC T100 °C Db	⊕ II 2 D Ex tb op is IIIC T100 °C Db
Dust explosion protection IECEx 2	Ex tc IIIC Db	Ex tc IIIC Db

Technical Data		
Variant	Design size 2	Design size 4
<b>Explosion Protection</b>		
Dust Explosion Protection ATEX 2	⊕ II 2 D Ex tc IIIC Db	⊕ II 2 D Ex tc IIIC Db
Ambient temperature °C	-30 ... +50 °C	-30 ... +50 °C
Note: Through wiring	Max. 3x16 A	Max. 3x16 A
Ambient temperature °C 2	-30 ... +55 °C	-30 ... +55 °C
Note: Through wiring 2	Max. 3x10 A	Max. 3x10 A
Certificates	ATEX (IBE), IECEx (IBE), India (PESO)	ATEX (IBE), IECEx (IBE), India (PESO)
<b>Electrical Data</b>		
Rated operational voltage AC	110 – 240 V	110 – 240 V
Battery operating voltage	6 V	6 V
Battery capacity	7 Ah	7 Ah
Frequency range	50 – 60 Hz	50 – 60 Hz
<b>Lighting Data</b>		
Number of lamps	1	1
Lamp	LED	LED
Light colour	Neutral white	Neutral white
Light distribution	120°x120° with diffusing glass	120°x120° with diffusing glass
Luminaire efficacy	116 lm/W	129 lm/W
Luminous flux	2910 lm	5810 lm
Colour rendering	≥ 80	≥ 80
Colour temperature	5000 K	5000 K
<b>Mechanical Data</b>		
Enclosure material	Polyester resin, Glass fibre reinforced	Polyester resin, Glass fibre reinforced
Diffuser	With diffuser	With diffuser
Sealing material	Silicone	Silicone
Installed terminal strip	PE + N + L1 + L2 + L3 + L'	PE + N + L1 + L2 + L3 + L'
Connection terminals solid max.	6 mm <sup>2</sup>	6 mm <sup>2</sup>
Connection terminals finely-stranded max.	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Type of connection cable	Finely stranded Solid	Finely stranded Solid
Impact strength (IK code)	IK10 (IEC 62262)	IK10 (IEC 62262)
Enclosure colour	Light grey (RAL 7035)	Light grey (RAL 7035)
Notes	Connection terminals: Spring clamp terminal (2 free clamping units per pole)	
<b>Components</b>		
Threaded plate	2x plastic	2x plastic
Through wiring	With 6 conductors 2.5 mm <sup>2</sup>	With 6 conductors 2.5 mm <sup>2</sup>
Drilled holes	3 x M25	3 x M25
Screw connections	2 x M25 Ø 7 – 17 mm	2 x M25 Ø 7 – 17 mm
Material of screw connections	Polyamide, black	Polyamide, black
Stopping plug	2 x M25 x 1.5	2 x M25 x 1.5
Stopping plug material	Polyamide, black	Polyamide, black

Accessories and Spare Parts			
Figure	Description	Art. No.	Weight kg
<b>Contact element</b>			
	8080/1-3-L 2 NC contact element	132527 ▲	0.026

Accessories and Spare Parts			
Figure	Description	Art. No.	Weight kg
<b>Socket key</b>			
	M8 / wrench size 13; to open/close the central locking	222430 ▲	0.210
<b>Mounting rail</b>			
	for a variable mounting distance; 1 pair	222826 ▲	0.350
<b>Mounting bracket</b>			
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456 ▲	0.400
<b>Pole mounting sleeve</b>			
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts	227512	3.200
<b>Pipe clamp</b>			
	R 1 1/2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222459 ▲	1.200
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458 ▲	0.700
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460 ▲	0.750
<b>Ring bolt</b>			
	M8, direct mounting in insert nuts; 1 pair	115736 ▲	0.115
<b>Breather</b>			
	Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut	138573 ▲	0.010
	Thread: M25 x 1.5; 20 pc; for installation in lights; in moulded material; without counter nut	138576 ▲	0.200
<b>Ceiling and wall mounting bracket</b>			
	mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair	222827 ▲	1.200
<b>Bracket for wall mounting with tube</b>			
	for side entry lamp; with tube, length 400 mm, Ø 42 mm	108947 ▲	2.480
<b>Battery set</b>			
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532	1.195