## **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

## 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 Lamp wattage	2 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 Lamp wattage	4 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	
Dust explosion protection IECEx	Ex tb op is IIIC T100 °C Db	Ex tb op is IIIC T100 °C Db
Dust explosion protection ATEX		
Dust explosion protection IECEx 2	Ex tc IIIC Db	Ex to IIIC Db



mbient temperature °C  -30 +50 °C  bote: Through wiring  Max. 3x16 A  mbient temperature °C 2  -30 +55 °C  bote: Through wiring 2  Max. 3x10 A  ATEX (IBE), IECEx (IBE), India (PESO Betrical Data  ated operational voltage AC  attery operating voltage  attery operating voltage  attery capacity  7 Ah  equency range  50 – 60 Hz  ghting Data  umber of lamps  1  LED  ght colour  Neutral white  ght distribution  120°x120° with diffusing glass  uminaire efficacy  116 Im/W  uminous flux  2910 Im  blour rendering  2 80  blour temperature  bolour temperature  bolour material  ffuser  With diffuser  saling material  Silicone  stalled terminal strip  PE + N + L1 + L2 + L3 + L′  connection terminals finely-stranded max.  onnection terminals finely-stranded max.  onnection terminals finely-stranded max.  onection terminals: Spring clamp terminates on proponents  onnection terminals: Spring clamp terminates on proponents	© II 2 D Ex tc IIIC Db -30 +50 °C Max. 3x16 A -30 +55 °C Max. 3x10 A ATEX (IBE), IECEx (IBE), India (PESO)  110 - 240 V 6 V 7 Ah 50 - 60 Hz  1 LED Neutral white 120°x120° with diffusing glass 129 Im/W 5810 Im ≥ 80
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umber of lamps  amp  LED  ght colour  Neutral white  ght distribution  120°x120° with diffusing glass  uminaire efficacy  116 lm/W  uminous flux  2910 lm  olour rendering  ≥ 80  olour temperature  5000 K  lechanical Data  nclosure material  polyester resin, Glass fibre reinforced  iffuser  With diffuser  ealing material  stalled terminal strip  PE + N + L1 + L2 + L3 + L′  onnection terminals solid max.  onnection terminals finely-stranded max.  4 mm²  ype of connection cable  Finely stranded  Solid  npact strength (IK code)  IK10 (IEC 62262)  Inclosure colour  Light grey (RAL 7035)  otes  Connection terminals: Spring clamp ter  omponents	LED  Neutral white  120°x120° with diffusing glass  129 lm/W  5810 lm
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uminaire efficacy  uminous flux  2910 lm  colour rendering  ≥ 80  colour temperature  5000 K  Mechanical Data  Enclosure material  Polyester resin, Glass fibre reinforced  offuser  With diffuser  Sealing material  solicone  pet + N + L1 + L2 + L3 + L′  Connection terminals solid max.  Connection terminals finely-stranded max.  4 mm²  Type of connection cable  Finely stranded  Solid  mpact strength (IK code)  IK10 (IEC 62262)  Enclosure colour  Light grey (RAL 7035)  Components	129 lm/W 5810 lm
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Colour rendering       ≥ 80         Colour temperature       5000 K         Mechanical Data       Enclosure material       Polyester resin, Glass fibre reinforced         Diffuser       With diffuser         Sealing material       Silicone         Installed terminal strip       PE + N + L1 + L2 + L3 + L′         Connection terminals solid max.       6 mm²         Connection terminals finely-stranded max.       4 mm²         Type of connection cable       Finely stranded Solid         Impact strength (IK code)       IK10 (IEC 62262)         Enclosure colour       Light grey (RAL 7035)         Connection terminals: Spring clamp te	
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Diffuser With diffuser Sealing material Silicone Installed terminal strip PE + N + L1 + L2 + L3 + L' Connection terminals solid max. 6 mm² Connection terminals finely-stranded max. 4 mm² Finely stranded Solid Impact strength (IK code) IK10 (IEC 62262) Enclosure colour Light grey (RAL 7035) Rotes Connection terminals: Spring clamp ter Components	
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rype of connection cable  Finely stranded Solid  IM10 (IEC 62262)  Enclosure colour  Light grey (RAL 7035)  Rotes  Components	4 mm²
Enclosure colour Light grey (RAL 7035)  Notes Connection terminals: Spring clamp ter  Components	Finely stranded Solid
Notes Connection terminals: Spring clamp ter Components	IK10 (IEC 62262)
Components	Light grey (RAL 7035)
	minal (2 free clamping units per pole)
hreaded plate 2x plastic	
	2x plastic
Through wiring With 6 conductors 2.5 mm <sup>2</sup>	
Orilled holes 3 x M25	With 6 conductors 2.5 mm <sup>2</sup>
Screw connections 2 x M25 Ø 7 – 17 mm	With 6 conductors 2.5 mm² 3 x M25
Material of screw connections Polyamide, black	
Stopping plug 2 x M25 x 1.5	3 x M25

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

## Emergency Luminaire with LED EXLUX Series 6409/4



Accessories and Spa	re Parts		
Figure	Description	Art. No.	Weight kg
Socket key			
<b>3</b>	M8 / wrench size 13; to open/close the central locking	222430 🛦	0.210
Mounting rail			
Resident to the second	for a variable mounting distance; 1 pair	222826▲	0.350
Mounting bracket			
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456 🔺	0.400
Pole mounting sleeve			
12	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts	227512	3.200
Pipe clamp			
	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
Ring bolt			
	M8, direct mounting in insert nuts; 1 pair	115736▲	0.115
Breather			
	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
Ceiling and wall mount	ing 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 🔺	1.200
Bracket for wall mounti	ng with tube		
	for side entry lamp; with tube, length 400 mm, Ø 42 mm	108947▲	2.480
Battery set			
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532	1.195