



- 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.

Technical Data

Explosion Protection

Ex version	Yes
Application range (zones)	2 21 22
IECEX gas certificate	IECEX IBE 16.0047
IECEX gas explosion protection	Ex db ec IIC T4 Gc
IECEX dust certificate	IECEX IBE 16.0047
IECEX dust explosion protection	Ex tb op is / tc IIIC T100 °C Db
ATEX gas certificate	IBExU 16 ATEX 1233
ATEX gas explosion protection	Ex II 3 G Ex db ec IIC T4 Gc
ATEX dust certificate	IBExU 16 ATEX 1233
ATEX dust explosion protection	Ex II 2 D Ex tb op is / tc IIIC T100 °C Db
Certificates and approvals	ATEX IECEX
Certificates	ATEX (IBE), IECEX (IBE), India (PESO)

Electrical Data

Rated operational voltage AC	110 – 240 V
AC max. rated operational voltage	240 V
AC min. rated operational voltage	110 V
Battery version	NiCd battery, gas-tight
Battery operating voltage	6 V
Battery capacity	7 Ah
Self-test function	With (standard)
Frequency range	50 – 60 Hz

Lighting Data

Number of lamps	1
Lamp wattage	25 W
Lamp	LED

Lighting Data

Light colour	5000 K – neutral white
Light distribution	120°x120° with diffusing glass
Luminaire efficacy	116 lm/W
Luminous flux	2910 lm
Operating time	3 h emergency lighting operation
Emergency light output	35% – 3 h
Colour rendering	≥ 80
Colour temperature	5000 K

Ambient Conditions

Ambient temperature	-30 °C ... +50 °C Note: Through wiring Max. 3x16 A -30 °C ... +55 °C Note: Through wiring 2 Max. 3x10 A
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Mechanical Data

Version	Standard
IP degree of protection (IEC 60598)	IP66/IP67
Enclosure material	Polyester resin, Glass fibre reinforced
Enclosure colour	Light grey (RAL 7035)
Diffuser	With diffuser
Sealing material	Silicone
Silicone-free content	Contains silicone
Translucent cover material	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3 + L´
Max. solid connection terminals	6 mm²
Max. finely stranded connection terminals	4 mm²
Type of connection cable	Finely stranded Solid
Size	2
Width	183.5 mm
Height	125 mm
Length	857 mm
Impact strength (IEC 62262)	IK10
Weight	5.4 kg
Weight	11.9 lb
Disconnection of the luminaire	All-pole disconnection

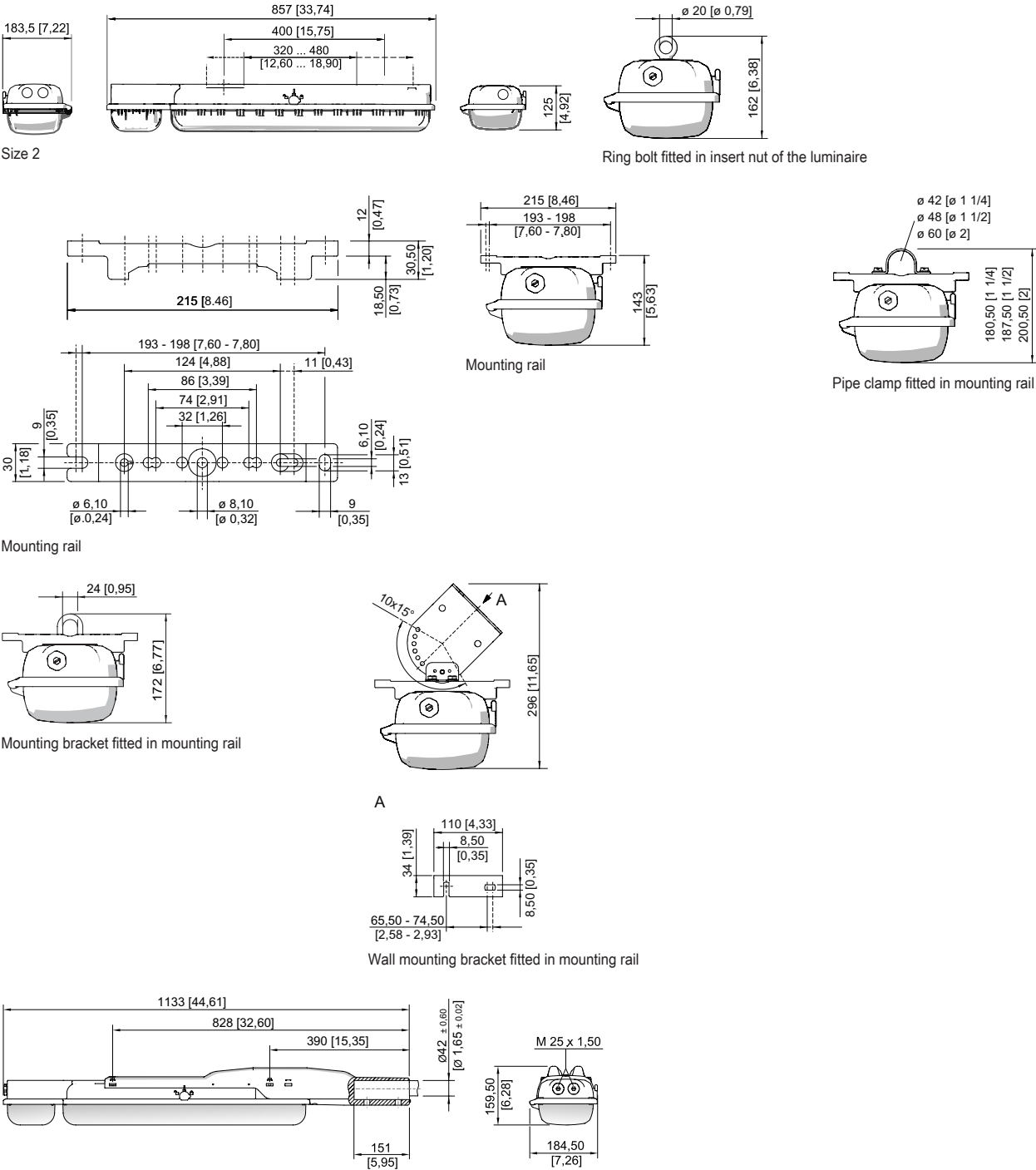
Components

Threaded plate	2x plastic
Ballast	LED NLE 80W 110-240V/7Ah/3.0h/
Through wiring	With 6 conductors 2.5 mm²
Drilled holes	3 x M25
Cable glands and entries	2 x M25 Ø 7 – 17 mm
Material cable gland	Polyamide, black
Stopping plugs	2 x M25 x 1.5
Stopping plug material	Polyamide, black
Accessories	Provided

Emergency luminaire With LED
GRP

6409/4128-5203-162-1110-11-850011 Art. No. 267860

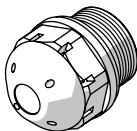
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Size 2

Accessories

Breather



Thread: M25 x 1.5; 20 pc; without counter nut

Art. No.

285780

Lighting

Emergency luminaire With LED

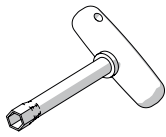
GRP

6409/4128-5203-162-1110-11-850011 Art. No. 267860

STAHL

Socket key

Art. No.

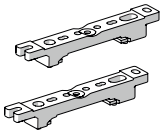


M8 / wrench size 13;
to open/close the central locking

222430

Mounting rail

Art. No.

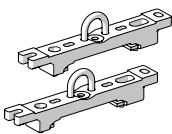


for a variable mounting distance; 1 pair

222826

Mounting bracket

Art. No.

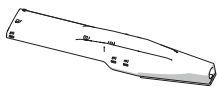


mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair

222456

Pole mounting sleeve

Art. No.

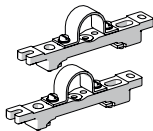


for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)

227512

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

Ring bolt

Art. No.

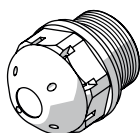


M8, direct mounting in insert nuts; 1 pair

115736

Breather

Art. No.

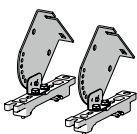


Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut

138573

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

Spare Parts

Cover

Art. No.

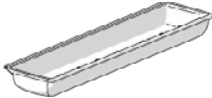
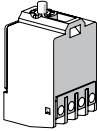
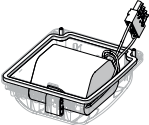
Lighting

Emergency luminaire With LED

GRP

6409/4128-5203-162-1110-11-850011 Art. No. 267860

STAHL

	for luminaire size 2	222427
Contact element		Art. No.
	8080/1-3-L 2 NC contact element	132527
Battery set		Art. No.
	Battery cover with built-in battery. Gas-tight NiCd battery; 7 Ah / 6 V	223532

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.