

3.2

Ex-escape sign luminaires

EXIT for Zone 1 and Zone 21 / Exit 2 for Zone 2 and Zone 22

3 Moulded plastic version with LED-technique

Leading the way in hazardous areas

The EXIT series of explosion-protected escape sign luminaires fulfils the requirements of ATEX Directive 2014/34/EU and EN 60598, Section 2.22 for emergency lighting luminaires. The luminaires are suited for marking escape routes and exits in hazardous areas.

Only white, high-efficiency LEDs are used as illuminants for these luminaires. This guarantees maintenance free operation, as the illuminants do not need replacing throughout the

complete service life of the luminaire.

The supply electronics is also laid out for this service life; the LED circuits are intrinsically safe.

The wide input voltage range allows international use. The housing of these luminaires is made of high-grade polycarbonate: the escape signs comply with the latest standards.

Thanks to the robust design and high degree of protection, these luminaires are suited for both indoor and outdoor use.

As an emergency lighting luminaire with self-contained battery system for maintained operation, the EXIT N and the EXIT 2 N features an NC battery and automatic function monitoring with operating time test.

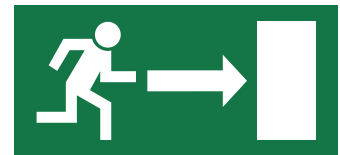
With the optional built-in V-CG-S monitoring module with coding switch for max. 20 addresses, this luminaire can also be used as an individually monitored emergency lighting luminaire that is connected to a CEAG emergency lighting supply system. With this, the operator can programme the switching mode according to the respective requirements. Thus, as many as 20 luminaires with different switching modes can be connected to one end circuit.



Pictogram accord. to ISO 7010



Pictogram accord. to DIN 4844



Pictogram accord. to EN 1838



Features

- All-plastic polycarbonate housing
- Power-saving LED technology, maintenance-free throughout service life
- High degree of protection IP66
- Luminaire with self-contained battery unit and automatic function monitoring
- Connection and monitoring with CEAG emergency lighting supply systems possible

ГАЗ - НЕ
ВХОДИТЬ

EXIT مخرج

STOP



3

For all types of application

The escape sign luminaires of the „EXIT“ series are available as mains luminaires „EXIT“ and „EXIT 2“, e.g. for specially safeguarded industrial networks in production plants, as „EXIT V-CG-S“ and „EXIT 2 V-CG-S“ emergency lighting luminaires with individual function monitoring for use in CEAG emergency lighting supply systems, as well as „EXIT-N“ and „EXIT 2 N“ emergency lighting luminaires with self-contained battery systems and automatic function and operating time tests.

Green light for all zones

On account of the robust, all-plastic polycarbonate housing in the high degree of protection IP66, the **EXIT** luminaire can be installed almost anywhere, both indoors and out. The luminaire is designed in the type of protection Ex e m ib IIC up to T6 as well as Ex tb IIIC T80 °C and, in accordance with the ATEX Directive. It can be used in hazardous areas with explosive gas atmospheres (Zones 1 and 2) and explosive dust atmospheres (Zones 21 and 22). The **EXIT 2** series can be used in hazardous areas with explosive gas atmospheres (Zones 2) and explosive dust atmospheres (Zones 22).



Conformity to standards

The EXIT explosion-protected escape sign luminaire series fulfils the requirements of ATEX Directive 2014/34/EU and EN 60598, Part 2.22 for emergency lighting luminaires. It is suited for marking escape routes and exits in potentially explosive atmospheres. The housing of this luminaire is made of high-grade polycarbonate and it goes without saying that the escape signs comply with the latest standards.

Maintenance-free operation

The white LED technology used as the light source allows maintenance-free operation without replacement of the illuminant. The lighting values required for the escape sign are maintained throughout the complete service life of the LEDs, namely approx. 50,000 hours. It goes without saying that the supply electronics are also designed for this extremely long operating time. This reduces operating costs and increases the operating safety considerably, in particular in locations that are difficult to access.

For international use

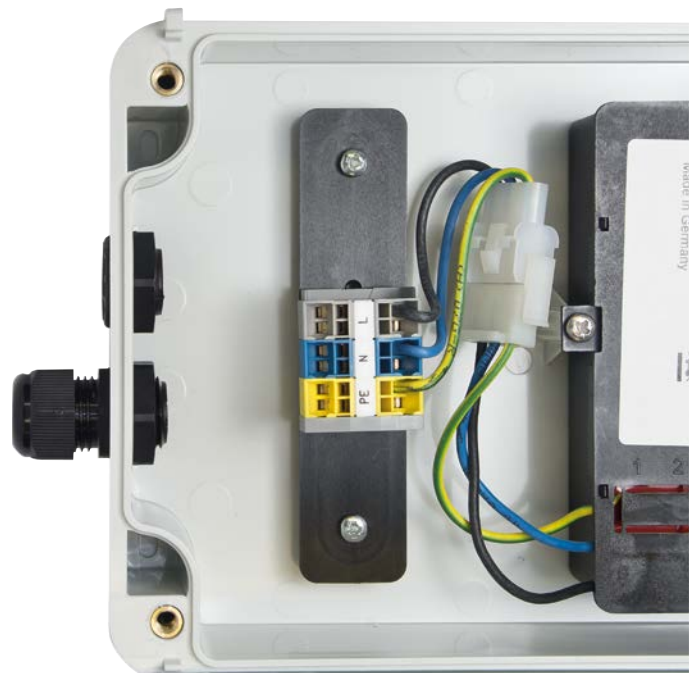
The LED escape sign luminaire of the EXIT series was designed to meet the requirements of a large number of different safety concepts. Thanks to the wide input voltage range from 110 V to 277 V AC and up to 250 V DC, this luminaire can be used internationally, whereby the supply circuits of the LED circuits are intrinsically safe.

The internationally valid certificate „IECEX“ enhances the scope of this light fitting.

The luminaire has a visibility range of 25 metres and it is available with a wide variety of pictograms, where country-specific solutions can be created without any problems.

Double safety

Whenever the operational safety of explosion-protected safety and escape sign luminaires is involved, there is no room for compromises, as only a luminaire that is fully functional at all times can save human lives. The new series of explosion-protected LED escape sign luminaires not only fulfils the extremely high explosion protection requirements, but it also fulfils the legal requirements for emergency and safety lighting installations. The new EXIT is capable of safely showing the right way to go at all times, even in complex and often badly laid out industrial installations with hazardous areas.



pluggable connection for an easy replacement of components

Ex luminaires with V-CG-S module and coding switch for max. 20 luminaires per circuit



Hazardous Area

Connection for mains-/ emergency power supply

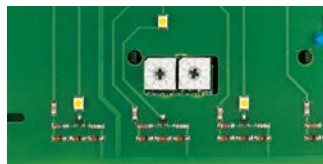


CEAG emergency lighting supply unit (non-hazardous area)

Central emergency lighting supply via system luminaires with V-CG-S module

A central emergency lighting supply using CEAG group supply and central battery systems is used wherever a large number of emergency lighting luminaires can be combined and operated as system luminaires. These battery systems are generally installed outside the hazardous areas and, therefore, they are not subjected to the ambient conditions of the luminaires in the field. As a result, the operating life of the battery is relatively long and the amount of maintenance required is minimal. The mains and emergency lighting supplies of these luminaires are fed via separate circuits from the emergency lighting power supply installation to the escape sign luminaire in the hazardous area. Various luminaires with

V-CG-S function can be operated in these circuits.



Address switch of EXIT V-CG-S

Better safe than sorry

In addition to the EXIT/EXIT 2 for use as a mains luminaire, e.g. for specially safeguarded industrial networks in production plants, there is also the EXIT V-CG-S/EXIT 2 V-CG-S version with easy function monitoring. In conjunction with the V-CG-S monitoring module with coding switch up to 20 addresses, this luminaire can be operated as emergency lighting luminaire with individual monitoring. The operator can programme the switching mode

according to his individual requirements, thus allowing the operation of up to 20 luminaires with different switching modes in one end circuit.

No additional installation work is required. The central control unit monitors all the functions of the luminaire, checks the feed line for shorts or open circuits and indicates any incidents clearly on the display. Thus, even with highly complex installations, troubleshooting and eliminating faults are not a problem. Another considerable advantage: all the function and operating time tests are carried out automatically and recorded by the central control unit. This saves lots of time and money. During this function test, the correct functioning of the luminaire is monitored by the built-in V-CG-S module and any faults are reported to the central control unit. Thus, for example, the failure of LED groups is indicated automatically.

Emergency lighting luminaires with self-contained battery systems

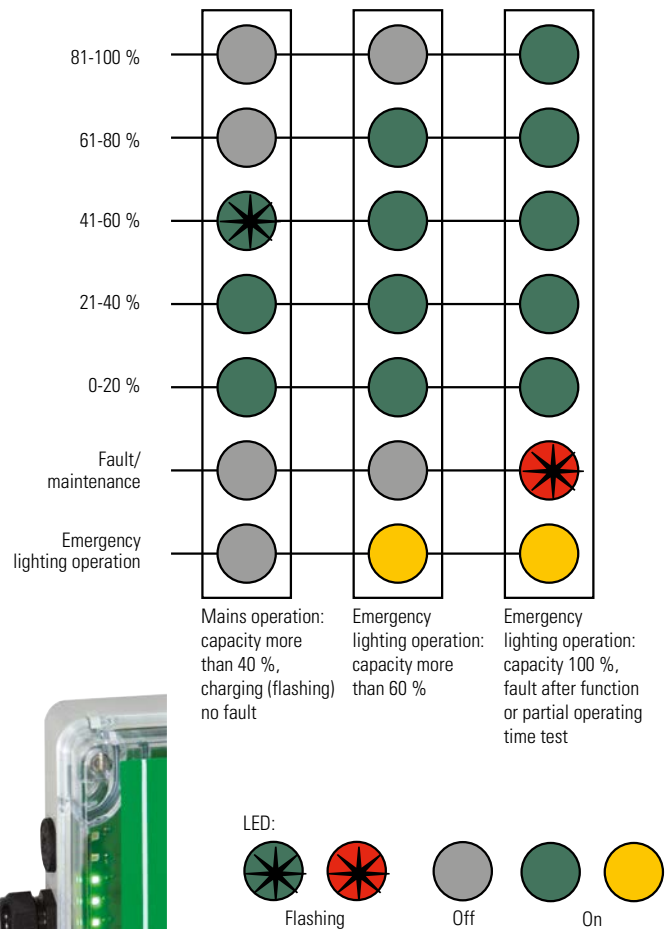
Emergency lighting luminaires with self-contained battery systems provide the required emergency lighting from a decentralized source, independent of central systems. These luminaires are particularly economical when used in extensive plants. Until now, compared to centrally operated and monitored installations, the disadvantage of the emergency lighting luminaires with self-contained battery systems was that they did not provide any information on the state of the luminaire. However, this monitoring function has been incorporated in the EXIT N/EXIT 2 N escape sign luminaire. Five green LEDs supply constant information on the charge status and available battery capacity. A yellow LED indicates the emergency lighting operation mode and an additional red LED indicates any faults.

Monitoring functions

The extended self-monitoring with automatic function and partial duty cycle test is also new. The five green LEDs behind the protective cover provide continuous indication of

the charge status and the current battery capacity. Charging is signaled by a flashing green LED. The charged capacity is indicated in 20% stages. The yellow LED indicates emergency lighting operation. An automatic function test lasting 5 minutes is carried out on a weekly basis. For this, the luminaire is switched electronically from mains to battery operation. The emergency lighting function is tested and any faults are indicated by the flashing red LED.

After approx. 3 months a partial operating time test (35 mins.) is initiated automatically. If a minimum emergency lighting operating time of 30 minutes is not reached, it is signaled by the flashing red LED. After the cause of the fault has been eliminated, e.g. by charging or replacing the battery, the fault indication is reset during the next emergency lighting operation (manual or automatic) when the minimum operating time of > 30 minutes has been reached.



Ordering details

Type	Scope of delivery	Cable gland/Thread			Standard pictogram ISO 7010 Order No.	optional pictogram according to	
		Plastic cable glands M20	Screw plug M20	Metal thread M20		DIN 4844 Order No.	EN 1838 Order No.
EXIT	including cover with silk-screen pictogram (arrow 3h)	1 x M20	1 x M20		1 2191 000 021	1 2191 000 001	1 2191 000 011
	including cover with silk-screen pictogram (arrow 9h)	1 x M20	1 x M20		1 2191 000 022	1 2191 000 002	1 2191 000 012
	including cover with silk-screen pictogram (arrow 6h)	1 x M20	1 x M20		1 2191 000 023	1 2191 000 003	1 2191 000 013
	including cover with silk-screen pictogram (arrow 3h)			2 x M20	1 2191 000 121	1 2191 000 101	1 2191 000 111
	including cover with silk-screen pictogram (arrow 9h)			2 x M20	1 2191 000 122	1 2191 000 102	1 2191 000 112
	including cover with silk-screen pictogram (arrow 6h)			2 x M20	1 2191 000 123	1 2191 000 103	1 2191 000 113
EXIT 24 V	including cover with silk-screen pictogram (arrow 3h)	1 x M20	1 x M20		1 2191 024 021	1 2191 024 001	1 2191 024 011
	including cover with silk-screen pictogram (arrow 9h)	1 x M20	1 x M20		1 2191 024 022	1 2191 024 002	1 2191 024 012
	including cover with silk-screen pictogram (arrow 6h)	1 x M20	1 x M20		1 2191 024 023	1 2191 024 003	1 2191 024 013
	including cover with silk-screen pictogram (arrow 3h)			2 x M20	1 2191 024 121	1 2191 024 101	1 2191 024 111
	including cover with silk-screen pictogram (arrow 9h)			2 x M20	1 2191 024 122	1 2191 024 102	1 2191 024 112
	including cover with silk-screen pictogram (arrow 6h)			2 x M20	1 2191 024 123	1 2191 024 103	1 2191 024 113
EXIT N	including cover with silk-screen pictogram (arrow 3h)	1 x M20	1 x M20		1 2191 030 021	1 2191 030 001	1 2191 030 011
	including cover with silk-screen pictogram (arrow 9h)	1 x M20	1 x M20		1 2191 030 022	1 2191 030 002	1 2191 030 012
	including cover with silk-screen pictogram (arrow 6h)	1 x M20	1 x M20		1 2191 030 023	1 2191 030 003	1 2191 030 013
	including cover with silk-screen pictogram (arrow 3h)			2 x M20	1 2191 030 121	1 2191 030 101	1 2191 030 111
	including cover with silk-screen pictogram (arrow 9h)			2 x M20	1 2191 030 122	1 2191 030 102	1 2191 030 112
	including cover with silk-screen pictogram (arrow 6h)			2 x M20	1 2191 030 123	1 2191 030 103	1 2191 030 113
EXIT V-CG-S	including cover with silk-screen pictogram (arrow 3h)	1 x M20	1 x M20		1 2191 020 021	1 2191 020 001	1 2191 020 011
	including cover with silk-screen pictogram (arrow 9h)	1 x M20	1 x M20		1 2191 020 022	1 2191 020 002	1 2191 020 012
	including cover with silk-screen pictogram (arrow 6h)	1 x M20	1 x M20		1 2191 020 023	1 2191 020 003	1 2191 020 013
	including cover with silk-screen pictogram (arrow 3h)			2 x M20	1 2191 020 121	1 2191 020 101	1 2191 020 111
	including cover with silk-screen pictogram (arrow 9h)			2 x M20	1 2191 020 122	1 2191 020 102	1 2191 020 112
	including cover with silk-screen pictogram (arrow 6h)			2 x M20	1 2191 020 123	1 2191 020 103	1 2191 020 113
EXIT	including cover, clear, without pictogram	1 x M20	1 x M20		1 2191 000 004		
	including cover, clear, without pictogram			2 x M20	1 2191 000 104		
EXIT 24 V	including cover, clear, without pictogram	1 x M20	1 x M20		1 2191 024 004		
	including cover, clear, without pictogram			2 x M20	1 2191 024 104		
EXIT N	including cover, clear, without pictogram	1 x M20	1 x M20		1 2191 030 004		
	including cover, clear, without pictogram			2 x M20	1 2191 030 104		
EXIT V-CG-S	including cover, clear, without pictogram	1 x M20	1 x M20		1 2191 020 004		
	including cover, clear, without pictogram			2 x M20	1 2191 020 104		

Other silk-screen pictograms or inscriptions available on request

A wide selection of cable glands can be found at www.crouse-hinds.de/products or in the catalogue Part 2, Section 3



arrow 3h

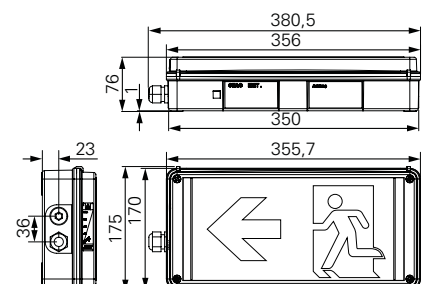


arrow 9h












arrow 6h

EXIT / EXIT V-CG-S / EXIT N



Dimensions in mm

Ordering details

Type	Scope of delivery	Cable gland/Thread			Standard pictogram ISO 7010  Order No.
		Plastic cable glands M20	Screw plug M20	Metal thread M20	
	EXIT 2 including cover with silk-screen pictogram (arrow 3h)	1 x M20	1 x M20		1 2193 000 021
	including cover with silk-screen pictogram (arrow 9h)	1 x M20	1 x M20		1 2193 000 022
	including cover with silk-screen pictogram (arrow 6h)	1 x M20	1 x M20		1 2193 000 023
	including cover with silk-screen pictogram (arrow 3h)			2 x M20	1 2193 000 121
	including cover with silk-screen pictogram (arrow 9h)			2 x M20	1 2193 000 122
	including cover with silk-screen pictogram (arrow 6h)			2 x M20	1 2193 000 123
	EXIT 2 24 V including cover with silk-screen pictogram (arrow 3h)	1 x M20	1 x M20		1 2193 024 021
	including cover with silk-screen pictogram (arrow 9h)	1 x M20	1 x M20		1 2193 024 022
	including cover with silk-screen pictogram (arrow 6h)	1 x M20	1 x M20		1 2193 024 023
	including cover with silk-screen pictogram (arrow 3h)			2 x M20	1 2193 024 121
	including cover with silk-screen pictogram (arrow 9h)			2 x M20	1 2193 024 122
	including cover with silk-screen pictogram (arrow 6h)			2 x M20	1 2193 024 123
	EXIT 2 N including cover with silk-screen pictogram (arrow 3h)	1 x M20	1 x M20		1 2193 030 021
	including cover with silk-screen pictogram (arrow 9h)	1 x M20	1 x M20		1 2193 030 022
	including cover with silk-screen pictogram (arrow 6h)	1 x M20	1 x M20		1 2193 030 023
	including cover with silk-screen pictogram (arrow 3h)			2 x M20	1 2193 030 121
	including cover with silk-screen pictogram (arrow 9h)			2 x M20	1 2193 030 122
	including cover with silk-screen pictogram (arrow 6h)			2 x M20	1 2193 030 123
	EXIT 2 V-CG-S including cover with silk-screen pictogram (arrow 3h)	1 x M20	1 x M20		1 2193 020 021
	including cover with silk-screen pictogram (arrow 9h)	1 x M20	1 x M20		1 2193 020 022
	including cover with silk-screen pictogram (arrow 6h)	1 x M20	1 x M20		1 2193 020 023
	including cover with silk-screen pictogram (arrow 3h)			2 x M20	1 2193 020 121
	including cover with silk-screen pictogram (arrow 9h)			2 x M20	1 2193 020 122
	including cover with silk-screen pictogram (arrow 6h)			2 x M20	1 2193 020 123
	EXIT 2 including cover, clear, without pictogram	1 x M20	1 x M20		1 2193 000 004
	including cover, clear, without pictogram			2 x M20	1 2193 000 104
	EXIT 2 24 V including cover, clear, without pictogram	1 x M20	1 x M20		1 2193 024 004
	including cover, clear, without pictogram			2 x M20	1 2193 024 104
	EXIT 2 N including cover, clear, without pictogram	1 x M20	1 x M20		1 2193 030 004
	including cover, clear, without pictogram			2 x M20	1 2193 030 104
	EXIT 2 V-CG-S including cover, clear, without pictogram	1 x M20	1 x M20		1 2193 020 004
	including cover, clear, without pictogram			2 x M20	1 2193 020 104

Other silk-screen pictograms or inscriptions available on request

A wide selection of cable glands can be found at www.crouse-hinds.de/products or in the catalogue Part 2, Section 3



arrow 3h

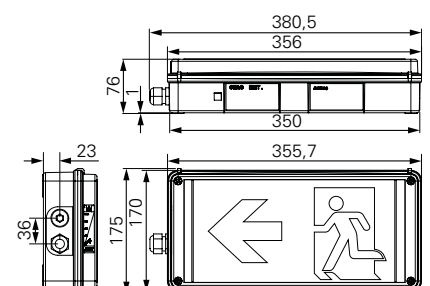


arrow 9h



arrow 6h

EXIT 2 / EXIT 2 V-CG-S / EXIT 2 N



Dimensions in mm

3.2

Technical data

EXIT / EXIT 24 V / EXIT N / EXIT V-CG-S for Zone 1/21



Technical data

	EXIT / EXIT 24 V	EXIT N	EXIT V-CG-S
EC-Type Examination Certificate	BVS 09 ATEX E 029	BVS 09 ATEX E 029	BVS 09 ATEX E 029
IECEX Certificate of Conformity	IECEX BVS 13.0017	IECEX BVS 13.0017	IECEX BVS 13.0017
Marking accd. to 2014/34/EU	⊕ II 2 G Ex e ib mb IIC T6/T5 Gb ⊕ II 2 D Ex tb IIIC T80°C Db	⊕ II 2 G Ex e ib mb IIC T5/T4 Gb ⊕ II 2 D Ex tb IIIC T80°C Db"	⊕ II 2 G Ex e ib mb IIC T6/T5 Gb ⊕ II 2 D Ex tb IIIC T80°C Db
Marking accd. to IECEx	Ex e ib mb IIC T6/T5 Gb Ex tb IIIC T80°C Db	Ex e ib mb IIC T5/T4 Gb Ex tb IIIC T80°C Db	Ex e ib mb IIC T6/T5 Gb Ex tb IIIC T80°C Db
Permissible ambient temperature	-20 °C up to +40°C (T6) -20 °C up to +50°C (T5)	-20 °C up to +40°C (T5) -20 °C up to +50°C (T4) +5 °C up to +35 °C	-20 °C up to +40°C (T6) -20 °C up to +50°C (T5)
specified data			
Battery		12 V/800 mAh NC-Accu	
Rated power consumption	approx. 6 VA	approx. 10 VA	approx. 6 VA
Rated voltage	110 V - 277 V AC 110 V - 250 V DC	110 V - 277 V AC 110 V - 250 V DC	220 V - 254 V AC 195 V - 250 V DC
Rated voltage EXIT 24 V	12 - 24 V DC (-15 % / + 20 %)		
Rated current AC/DC	220 V = 20 mA, 110 V = 40 mA	230 V ≈ 50 mA, 110 V ≈ 100 mA	220 V = 20 mA, 110 V = 40 mA
Frequency	DC and 50 - 60 Hz (AC)	DC and 50 - 60 Hz (AC)	DC and 50 - 60 Hz (AC)
Charging duration for capacity > 90 %		24 h	
Power factor cos φ	≥ 0.95	≈ 0.5	≥ 0.95
Circuit	electronic power supply	electronic power supply	electronic power supply
Protection class	I	I	I
Viewing distance	25 m	25 m	25 m
Lamp / Illuminant	high output-LEDs, white	high output-LEDs, white	high output-LEDs, white
Rated emergency lighting duration		approx. 3 h	
Dimensions (L x W x H)	356 x 175 x 76 mm	356 x 175 x 76 mm	356 x 175 x 76 mm
Connecting terminals	3 x loop terminal 2.5 mm ² ¹⁾	3 x loop terminal 2.5 mm ² ¹⁾	3 x loop terminal 2.5 mm ² ¹⁾
Enclosure colour	grey, RAL 7035	grey, RAL 7035	grey, RAL 7035
Enclosure material	Polycarbonate	Polycarbonate	Polycarbonate
Weight	2 kg	2.5 kg	2.2 kg
Cable glands / gland plates / enclosure drilling	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20
Type of mounting	wall mounting	wall mounting	wall mounting
Degree of protection accd. to EN 60529	IP66	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate	Polycarbonate

¹⁾ Option: 3 x 4 mm² screw terminals



3

Technical data

	EXIT 2/ EXIT 2 24 V	EXIT 2 N	EXIT 2 V-CG-S
Type Examination Certificate	BVS 15 ATEX E 074	BVS 15 ATEX E 074	BVS 15 ATEX E 074
IECEX Certificate of Conformity	IECEX BVS 15.0065	IECEX BVS 15.0065	IECEX BVS 15.0065
Marking accd. to 2014/34/EU	⊕ II 3 G Ex e ic mc IIC T6/T5 Gc ⊕ II 3 D Ex tc IIIC T80°C Dc	⊕ II 3 G Ex e ic mc IIC T5/T4 Gc ⊕ II 3 D Ex tc IIIC T80°C Dc	⊕ II 3 G Ex e ic mc IIC T6/T5 Gc ⊕ II 3 D Ex tc IIIC T80°C Dc
Marking accd. to IECEx	Ex e ic mc IIC T6/T5 Gc Ex tc IIIC T80°C Dc	Ex e ic mc IIC T6/T5 Gc Ex tc IIIC T80°C Dc	Ex e ic mc IIC T6/T5 Gc Ex tc IIIC T80°C Dc
Permissible ambient temperature	-20 °C up to +40°C (T6) -20 °C up to +50°C (T5)	-20 °C up to +40°C (T5) -20 °C up to +50°C (T4) +5 °C up to +35 °C	-20 °C up to +40°C (T6) -20 °C up to +50°C (T5)
specified data			
Battery		12 V/800 mAh NC-Accu	
Rated power consumption	approx. 6 VA	approx. 10 VA	approx. 6 VA
Rated voltage	110 V - 277 V AC 110 V - 250 V DC	110 V - 277 V AC 110 V - 250 V DC	220 V - 254 V AC 195 V - 250 V DC
Rated voltage EXIT 24 V	12 - 24 V DC (-15 % / + 20 %)		
Rated current AC/DC	220 V = 20 mA, 110 V = 40 mA	230 V ≈ 50 mA, 110 V ≈ 100 mA	220 V = 20 mA, 110 V = 40 mA
Frequency	DC and 50 - 60 Hz (AC)	DC and 50 - 60 Hz (AC)	DC and 50 - 60 Hz (AC)
Charging duration for capacity > 90 %		24 h	
Power factor cos φ	≥ 0.95	≈ 0.5	≥ 0.95
Circuit	electronic power supply	electronic power supply	electronic power supply
Protection class	I	I	I
Viewing distance	25 m	25 m	25 m
Lamp / Illuminant	high output-LEDs, white	high output-LEDs, white	high output-LEDs, white
Rated emergency lighting duration		approx. 3 h	
Dimensions (L x W x H)	356 x 175 x 76 mm	356 x 175 x 76 mm	356 x 175 x 76 mm
Connecting terminals	3 x loop terminal 2 x 2.5 mm ² ¹⁾	3 x loop terminal 2 x 2.5 mm ² ¹⁾	3 x loop terminal 2 x 2.5 mm ² ¹⁾
Enclosure colour	grey, RAL 7035	grey, RAL 7035	grey, RAL 7035
Enclosure material	Polycarbonate	Polycarbonate	Polycarbonate
Weight	2 kg	2.5 kg	2.2 kg
Cable glands / gland plates / enclosure drilling	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20
Type of mounting	wall mounting	wall mounting	wall mounting
Degree of protection accd. to EN 60529	IP66	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate	Polycarbonate

¹⁾ Option: 3 x 4 mm² screw terminals

Ex-emergency luminaires

Planete 400 AD DL and Planete 400 ADR CGLine+ emergency lighting luminaire with self-contained battery system made of metal for Zone 1 and 21.

The robust safety concept for hazardous areas

With its robust flameproof enclosure made of copper-free aluminium ($Cu < 0.1\%$), the high degree of protection IP66/67 and the protective tube made of borosilicate glass with high mechanical and thermal resistance, this luminaire series is ideal for use in areas with adverse environmental conditions.

LED emergency lighting luminaires with a self-contained battery system

The Planete 400 AD DL / ADR CGLine+ completes our lighting portfolio with a robust light fitting in modern LED technology. An integrated micro-processor monitors the automatic function and duration test and green and yellow LEDs indicate the lighting status. The battery status of the Planete 400 AD ADR CGLine+ type can also be monitored by the integration into an Eaton CGLine+ emergency lighting remote control system.

The Planete 400 AD DL / ADR CGLine+ is equipped with 32 LEDs and ensures emergency duration of more than an hour. During mains supply (maintained operation) all LED will be on with reduced light output.



Features

- Housing made of copper-free aluminium with a borosilicate glass tube
- High degree of safety IP66/67
- Maintenance-free LED illuminant with long lifespan
- Operation and monitoring possible from CEAG emergency lighting system (Planete 400 AD ADR CGLine+)

Ordering details / Accessories

Planete 400 AD DL / Planete 400 AD ADR CGLine+

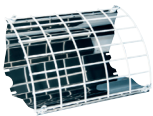
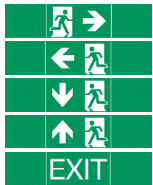
Ordering details



Type	Rated voltage	Thread	Ex-d Blanking plug	Order No.
Planete 400 AD DL	220 - 240 V AC	2 x 3/4" NPT, metal thread	1	NOR 000 005 160 055E
Planete 400 AD DL	220 - 240 V AC	2 x M25, metal thread	1	NOR 000 005 160 056E
Planete 400 AD ADR CGLine+	220 - 240 V AC	2 x 3/4" NPT, metal thread	1	NOR 000 005 160 065E
Planete 400 AD ADR CGLine+	220 - 240 V AC	2 x M25, metal thread	1	NOR 000 005 160 066E

Luminaires without silk-screen pictograms, to order them see accessories.

Accessories

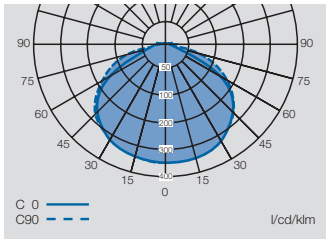


Type	OU	Order No.
Pictogram foil with arrow 3 h	1	NOR 000 000 506 915
Pictogram foil with arrow 9 h	1	NOR 000 000 506 907
Pictogram foil with arrow 6 h	1	NOR 000 000 506 966
Pictogram foil with arrow 12 h	1	400 71 354 383
Pictogram foil with „EXIT“	1	NOR 000 000 506 965
Reflector RAB 108 (AISI 304)	1	NOR 003 045 060 471
Reflector RAB 108 (AISI 304) + guard (steel white epoxy coating)	1	NOR 003 045 060 819
Reflector RAB 108 (AISI 316)	1	NOR 003 165 060 471
Reflector RAB 108 (AISI 316) + guard (steel white epoxy coating)	1	NOR 003 165 060 819

Other silk-screen pictograms or inscriptions available on request

Polar curves / dimension drawing

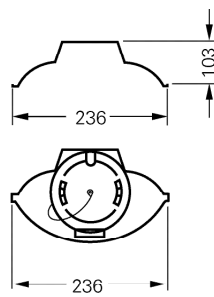
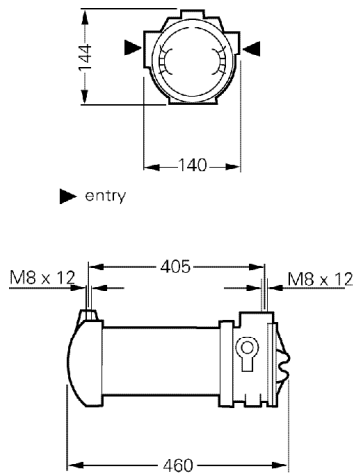
Planete 400 AD DL / Planete 400 AD ADR CGLine+



Polar curve
Planete 400 AD ...

Planete 400 AD ...

Reflector / Reflector with guard



Technical data

Planete 400 AD DL / Planete 400 AD ADR CGLine+



Technical data

	Planete 400 AD DL	Planete 400 AD DL CG+
EC-Type Examination Certificate	LOM 03 ATEX 2036 X	LOM 03 ATEX 2036 X
Marking accd. to 2014/34/EU	⊕ II 2 G Ex d IIC T6 Gb ⊕ II 2 D Ex tb IIIC T85 °C Db	⊕ II 2 G Ex d IIC T6 Gb ⊕ II 2 D Ex tb IIIC T85 °C Db
Permissible ambient temperature	-20 °C up to +55 °C	-20 °C up to +55 °C
specified data	-5 °C up to +35 °C	-5 °C up to +35 °C
Battery	1.7 Ah NC-accumulator	1.7 Ah NC-accumulator
Rated power consumption	1.1 W	1.1 W
Rated voltage	220 - 240 V AC	220 - 240 V AC
Frequency	50 -60 Hz	50 -60 Hz
Charging duration	≥ 14 h	≥ 14 h
Power factor cos φ	0.95	0.95
Rated operating duration	1.0 h	1.0 h
Monitoring Circuit	-	ADR CGLine+
Protection class	I	I
Viewing distance	12 m	12 m
Lamp / Illuminant	32 LEDs , 5.5 W	32 LEDs , 5.5 W
Luminous flux in mains operation	16 lm	16 lm
Luminous flux in emergency operation	471 lm	471 lm
Dimensions (L x W x H)	460 x 144 x 140 mm	460 x 144 x 140 mm
Connecting terminals	3 twin terminals x 2, 5 mm ² PE ext. 2 x 6 mm ²	5 twin terminals x 2, 5 mm ² PE ext. 2 x 6 mm ²
Enclosure colour	grey RAL 7032 (body), RAL 7016 (cover)	grey RAL 7032 (body), RAL 7016 (cover)
Enclosure material	copper-free aluminium with powder coating	copper-free aluminium with powder coating
Weight	5.0 kg	5.0 kg
Cable glands / gland plates / enclosure drilling	2 x 3/4" NPT thread, one plugged or 2 x M25x1,5 thread, one plugged	2 x 3/4" NPT thread, one plugged or 2 x M25x1,5 thread, one plugged
Type of mounting	ceiling / wall / pole mounting	ceiling / wall / pole mounting
Degree of protection accd. to EN 60529	IP66/67	IP66/67
Protective cover / protective bowl	borosilicate glass	borosilicate glass

¹⁾ depends on used lamps

Explosion protected safety luminaire EXIT Clear / EXIT Clear2

Zone 1/21 and 2/22

Leading the way in hazardous areas

The EXIT Clear series of explosion-protected safety luminaires fulfils the requirements of ATEX Directive 2014/34/EU and EN 60598, Section 2.22 for safety lighting luminaires. The luminaires are suited for lighting up escape routes in hazardous areas. The EXIT Clear in the version as mains luminaire can also be used for signalling purposes.

Only white, high-efficiency LEDs are used as illuminants for these luminaires. This

guarantees maintenance free operation, as the illuminants do not need replacing throughout the complete service life of the luminaire.

The supply electronics is also laid out for this service life; the LED circuits are intrinsically safe.

The wide input voltage range allows international use. The housing of these luminaires is made of high-grade polycarbonate.

Thanks to the robust design and high degree of protection, these

luminaires are suited for both indoor and outdoor use.

As a safety lighting luminaire with self-contained battery system for maintained operation, the EXIT Clear N and the EXIT Clear2 N feature a NC battery and automatic function monitoring with operating time test.

With the optional built-in V-CG-S monitoring module with coding switch for max. 20 addresses, this luminaire can also be used as an individually monitored safety luminaire that is connected to a CEAG emergency lighting supply system. With this, the operator can programme the switching mode according to the respective requirements. Thus, as many as 20 luminaires with different switching modes can be connected to one end circuit.



Features

- Power-saving LED technology, maintenance-free throughout service life
- High degree of protection IP66
- For ceiling and wall mounting
- Luminaire with self-contained battery unit and automatic function monitoring (N)
- Connection and monitoring with CEAG emergency lighting supply systems possible (V-CG-S)

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For all types of application

The escape sign luminaires of the "EXIT Clear" series are available as mains luminaires "EXIT Clear" and "EXIT Clear2," e.g. for specially safeguarded industrial networks in production plants, as "EXIT Clear V-CG-S" and "EXIT Clear2 V-CG-S" emergency lighting luminaires with individual function monitoring for use in CEAG emergency lighting supply systems, as well as "EXIT Clear N" and "EXIT Clear2 N" safety luminaires with self-contained battery systems and automatic function and operating time tests.

Safe light for all zones

On account of the robust, all-plastic polycarbonate housing in the high degree of protection IP66, the EXIT Clear luminaire can be installed almost anywhere, both indoors and out. The luminaire is designed in the type of protection Ex e m ib IIC up to T6 as well as Ex tb IIIC T80 °C and, in accordance with the ATEX Directive. It can be used in hazardous areas with explosive gas atmospheres (Zones 1 and 2) and explosive dust atmospheres (Zones 21 and 22). The EXIT Clear2 series can be used in hazardous areas with explosive gas atmospheres (Zones 2) and explosive dust atmospheres (Zones 22).

Maintenance-free operation

The white LED technology used as the light source allows maintenance-free operation without replacement of the illuminant. The lighting values required for the escape sign are maintained throughout the complete service life of the LEDs, namely approx. 50,000 hours. It goes without saying that the supply electronics are also designed for this extremely long operating time. This reduces operating costs and increases the operating safety considerably, in particular in locations that are difficult to access.

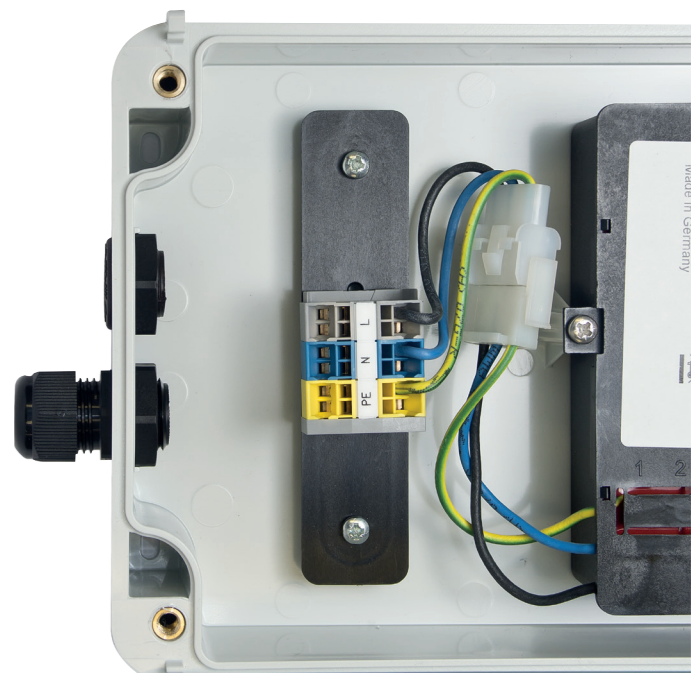
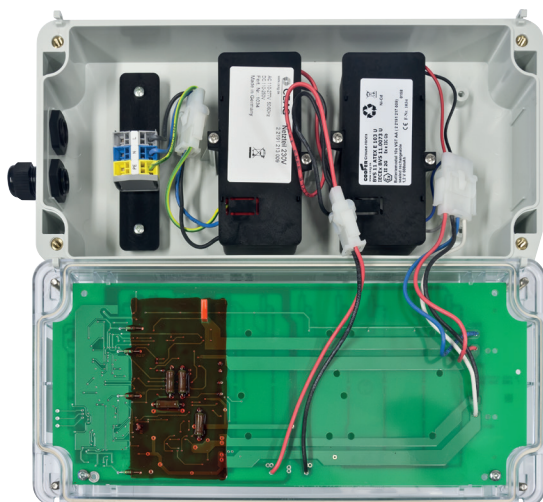
For international use

The LED safety luminaire of the EXIT series was designed to meet the requirements of a large number of different safety concepts. Thanks to the wide input voltage range from 110 V to 277 V AC and up to 250 V DC, this luminaire can be used internationally, whereby the supply circuits of the LED circuits are intrinsically safe.

The internationally valid certificate "IECEX" enhances the scope of this light fitting.

Double safety

Whenever the operational safety of explosion-protected safety luminaires is involved, there is no room for compromises, as only a luminaire that is fully functional at all times can save human lives. The new series of explosion-protected LED safety luminaires not only fulfils the extremely high explosion protection requirements, but it also fulfils the legal requirements for safety lighting installations. The EXIT Clear is capable of safely lighting up the way to go at all times, even in complex and often badly laid out industrial installations with hazardous areas.



pluggable connection for an easy replacement of components

Ordering details / Accessories

EXIT Clear / EXIT Clear2

Ordering details



Type Exit Clear for Zone 1/21	Scope of delivery	Cable gland/Thread			Order No.
		Plastic cable glands M20	Screw plug M20	Metal thread M20	
EXIT Clear	including cover	1 x M20	1 x M20		1 2191 000 004
	including cover			2 x M20	1 2191 000 104
EXIT Clear 24 V	including cover	1 x M20	1 x M20		1 2191 024 004
	including cover			2 x M20	1 2191 024 104
EXIT Clear N	including cover	1 x M20	1 x M20		1 2191 030 004
	including cover			2 x M20	1 2191 030 104
EXIT Clear V-CG-S	including cover	1 x M20	1 x M20		1 2191 020 004
	including cover			2 x M20	1 2191 020 104



Type Exit Clear2 for Zone 2/22	Scope of delivery	Cable gland/Thread			Order No.
		Plastic cable glands M20	Screw plug M20	Metal thread M20	
EXIT Clear2	including cover	1 x M20	1 x M20		1 2193 000 004
	including cover			2 x M20	1 2193 000 104
EXIT Clear2 24 V	including cover	1 x M20	1 x M20		1 2193 024 004
	including cover			2 x M20	1 2193 024 104
EXIT Clear2 N	including cover	1 x M20	1 x M20		1 2193 030 004
	including cover			2 x M20	1 2193 030 104
EXIT Clear2 V-CG-S	including cover	1 x M20	1 x M20		1 2193 020 004
	including cover			2 x M20	1 2193 020 104

A wide selection of cable glands can be found at www.crouse-hinds.de/products or in the catalogue Part 2, Section 3.

Technical data

EXIT Clear Ex safety luminaire for Zone 1 and 2



Technical data

	EXIT Clear / EXIT Clear 24 V	EXIT Clear N	EXIT Clear V-CG-S
EC-Type Examination Certificate	BVS 09 ATEX E 029	BVS 09 ATEX E 029	BVS 09 ATEX E 029
IECEX Certificate of Conformity	IECEX BVS 13.0017	IECEX BVS 13.0017	IECEX BVS 13.0017
Marking accd. to 2014/34/EU	⊕ II 2 G Ex e ib mb IIC T6/T5 Gb ⊕ II 2 D Ex tb IIIC T80°C Db	⊕ II 2 G Ex e ib mb IIC T5/T4 Gb ⊕ II 2 D Ex tb IIIC T80°C Db"	⊕ II 2 G Ex e ib mb IIC T6/T5 Gb ⊕ II 2 D Ex tb IIIC T80°C Db
Marking accd. to IECEx	Ex e ib mb IIC T6/T5 Gb Ex tb IIIC T80°C Db	Ex e ib mb IIC T5/T4 Gb Ex tb IIIC T80°C Db	Ex e ib mb IIC T6/T5 Gb Ex tb IIIC T80°C Db
Permissible ambient temperature	-20 °C up to +40°C (T6) -20 °C up to +50°C (T5)	-20 °C up to +40°C (T5) -20 °C up to +50°C (T4) +5 °C up to +35 °C	-20 °C up to +40°C (T6) -20 °C up to +50°C (T5)
specified data			
Battery		12 V/800 mAh NC-Accu	
Rated power consumption	approx. 6 VA	approx. 10 VA	approx. 6 VA
Rated voltage	110 V - 277 V AC 110 V - 250 V DC	110 V - 277 V AC 110 V - 250 V DC	220 V - 254 V AC 195 V - 250 V DC
Rated voltage EXIT 24 V	12 - 24 V DC (-15 % / + 20 %)		
Rated current AC/DC	220 V = 20 mA, 110 V = 40 mA	230 V ≈ 50 mA, 110 V ≈ 100 mA	220 V = 20 mA, 110 V = 40 mA
Frequency	DC and 50 - 60 Hz (AC)	DC and 50 - 60 Hz (AC)	DC and 50 - 60 Hz (AC)
Charging duration for capacity > 90 %		24 h	
Power factor cos φ	≥ 0.95	≈ 0.5	≥ 0.95
Circuit	electronic power supply	electronic power supply	electronic power supply
Protection class	I	I	I
Rated luminous flux	166 lm	166 lm	166 lm
Lamp / Illuminant	high output-LEDs, white	high output-LEDs, white	high output-LEDs, white
Rated emergency lighting duration		approx. 3 h	
Dimensions (L x W x H)	356 x 175 x 76 mm	356 x 175 x 76 mm	356 x 175 x 76 mm
Connecting terminals	3 x loop terminal 2.5 mm ² ¹⁾	3 x loop terminal 2.5 mm ² ¹⁾	3 x loop terminal 2.5 mm ² ¹⁾
Enclosure colour	grey, RAL 7035	grey, RAL 7035	grey, RAL 7035
Enclosure material	Polycarbonate	Polycarbonate	Polycarbonate
Weight	2 kg	2.5 kg	2.2 kg
Cable glands / gland plates / enclosure drilling	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20
Type of mounting	wall/ceiling mounting	wall/ceiling mounting	wall/ceiling mounting
Degree of protection accd. to EN 60529	IP66	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate	Polycarbonate

¹⁾ Option: 3 x 4 mm² screw terminals

Technical Data

EXIT Clear2 Ex Safety luminaire for Zone 2/22



Technical data

	EXIT Clear2/ EXIT Clear2 24 V	EXIT Clear2 N	EXIT Clear2 V-CG-S
Type Examination Certificate	BVS 15 ATEX E 074	BVS 15 ATEX E 074	BVS 15 ATEX E 074
IECEX Certificate of Conformity	IECEX BVS 15.0065	IECEX BVS 15.0065	IECEX BVS 15.0065
Marking accd. to 2014/34/EU	⊕ II 3 G Ex e ic mc IIC T6/T5 Gc ⊕ II 3 D Ex tc IIIC T80°C Dc	⊕ II 3 G Ex e ic mc IIC T5/T4 Gc ⊕ II 3 D Ex tc IIIC T80°C Dc	⊕ II 3 G Ex e ic mc IIC T6/T5 Gc ⊕ II 3 D Ex tc IIIC T80°C Dc
Marking accd. to IECEx	Ex e ic mc IIC T6/T5 Gc Ex tc IIIC T80°C Dc	Ex e ic mc IIC T6/T5 Gc Ex tc IIIC T80°C Dc	Ex e ic mc IIC T6/T5 Gc Ex tc IIIC T80°C Dc
Permissible ambient temperature	-20 °C up to +40°C (T6) -20 °C up to +50°C (T5)	-20 °C up to +40°C (T5) -20 °C up to +50°C (T4) +5 °C up to +35 °C	-20 °C up to +40°C (T6) -20 °C up to +50°C (T5)
specified data			
Battery		12 V/800 mAh NC-Accu	
Rated power consumption	approx. 6 VA	approx. 10 VA	approx. 6 VA
Rated voltage	110 V - 277 V AC / 110 V - 250 V DC	110 V - 277 V AC 110 V - 250 V DC	220 V - 254 V AC 195 V - 250 V DC
Rated voltage EXIT 24 V	12 - 24 V DC (-15 % / + 20 %)		
Rated current AC/DC	220 V = 20 mA, 110 V = 40 mA	230 V ≈ 50 mA, 110 V ≈ 100 mA	220 V = 20 mA, 110 V = 40 mA
Frequency	DC and 50 - 60 Hz (AC)	DC and 50 - 60 Hz (AC)	DC and 50 - 60 Hz (AC)
Charging duration for capacity > 90 %		24 h	
Power factor cos φ	≥ 0.95	≈ 0.5	≥ 0.95
Circuit	electronic power supply	electronic power supply	electronic power supply
Protection class	I	I	I
Rated luminous flux	166 lm	166 lm	166 lm
Lamp / Illuminant	high output-LEDs, white	high output-LEDs, white	high output-LEDs, white
Rated emergency lighting duration		approx. 3 h	
Dimensions (L x W x H)	356 x 175 x 76 mm	356 x 175 x 76 mm	356 x 175 x 76 mm
Connecting terminals	3 x loop terminal 2 x 2.5 mm ² ¹⁾	3 x loop terminal 2 x 2.5 mm ² ¹⁾	3 x loop terminal 2 x 2.5 mm ² ¹⁾
Enclosure colour	grey, RAL 7035	grey, RAL 7035	grey, RAL 7035
Enclosure material	Polycarbonate	Polycarbonate	Polycarbonate
Weight	2 kg	2.5 kg	2.2 kg
Cable glands / gland plates / enclosure drilling	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20	1 x Ex-e cable glands M20 x 1.5 (plastic) / 1 x Ex-e-screw plug M20 or 2 x M20 x1.5 metal thread, 1 x screw plug M20
Type of mounting	wall/ceiling mounting	wall/ceiling mounting	wall/ceiling mounting
Degree of protection accd. to EN 60529	IP66	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate	Polycarbonate

¹⁾ Option: 3 x 4 mm² screw terminals

3.5

Ex-signal and escape sign luminaire

dKLK 23 LED / dKLK 23 LED V-CG-S

3

Plastic design for Zone 1 and 21

Securing and signalling

These light fittings meet the requirements of ATEX-Directive 2014/34/EU for temperature class T6. They are certified for use in hazardous areas in Zones 1 and 2 with a temperature class up to T6, as well as for explosive dust atmospheres in Zones 21 and 22. What is more, they also meet the requirements in accordance with EN 60598, Part 2.22 for emergency lighting.

If a flash module is fitted in the housing (optional), the light fitting can be used also as a strobe light.

The dKLK 23 LED version is supplied with an LED lamp. This combines the innovative LED technology with main features, such as:

- Energy saving
- Environmentally friendly because mercury free
- Long service life
- Cost-saving due to long maintenance intervals
- Ideally suited for intermittent operation as flashing light

The housing is made of a fibre-glass reinforced polyester and the protective globe of a transparent or coloured polycarbonate.

When fitted with coloured protective cover, they are also used as signal lights.

The luminaire is connected using a flameproof eXLink coupler plug or via a flameproof cable gland.

With the optional V-CG-S monitoring module with coding switch for max. 20 addresses, they can be connected as individually monitored emergency lighting luminaires to the CEAG emergency lighting supply system (dKLK 23 V-CG-S).



Features

- Signal light fitting, also with coloured protective globe, for use in environments in temperature class T6
- For use with LED lamp
- For ceiling and wall mounting
- High degree of protection IP66
- Connection to the CEAG emergency lighting supply systems with individual monitoring possible
- Optional flash module

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Ordering details

Type	Scope of delivery	Colour of protective cover	Order No.
dKLK 23 V-CG-S /eXLink ¹⁾	1 x eXLink Coupler 2-pol. + PE for cable Ø 7,5 - 11 mm, for V-CG-S-Module and code switch	clear	GHG 871 2001 R0001
dKLK 23 V-CG-S /Ex d ¹⁾	for V-CG-S-Module and code switch + 1 x Ex-d cable gland M20 x 1,5 für Ø 7 - 12 mm	clear	GHG 871 2001 R0101
dKLK 23 LED/eXLink	1 x eXLink Coupler 2-pol. + PE for cable Ø 7,5 - 11 mm	clear	GHG 871 4021 R0001
dKLK 23 LED/eXLink	1 x eXLink Coupler 2-pol. + PE for cable Ø 7,5 - 11 mm	red	GHG 871 4121 R0001
dKLK 23 LED/eXLink	1 x eXLink Coupler 2-pol. + PE for cable Ø 7,5 - 11 mm	green	GHG 871 4221 R0001
dKLK 23 LED/eXLink	1 x eXLink Coupler 2-pol. + PE for cable Ø 7,5 - 11 mm	blue	GHG 871 4321 R0001
dKLK 23 LED/Ex d	1 x Ex-d cable gland M20 x 1,5 für Ø 7 - 12 mm	clear	GHG 871 4021 R0101
dKLK 23 LED/Ex d	1 x Ex-d cable gland M20 x 1,5 für Ø 7 - 12 mm	red	GHG 871 4121 R0101
dKLK 23 LED/Ex d	1 x Ex-d cable gland M20 x 1,5 für Ø 7 - 12 mm	green	GHG 871 4221 R0101
dKLK 23 LED/Ex d	1 x Ex-d cable gland M20 x 1,5 für Ø 7 - 12 mm	blue	GHG 871 4321 R0101

3



1) For connection to CEAG emergency supply systems, with address switch for 20 addresses.

A wide selection of cable glands can be found at www.crouse-hinds.de/products or in the catalogue Part 2, Section 3

Accessories



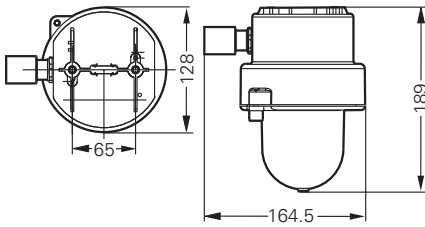
Type	Order No.
Flash module Eurolite E27 Strobe	GHG 870 1912 R0001
Master glow LED bulb E27 6W	GHG 870 9304 P0004
LLED 8G 6027 LmKW 8W SPP1	GHG 870 1914 R0005

3.5

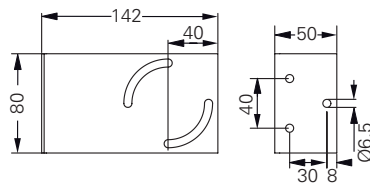
Dimension drawing / Polar curve

dKLK 23 LED / dKLK 23 LED V-CG-S

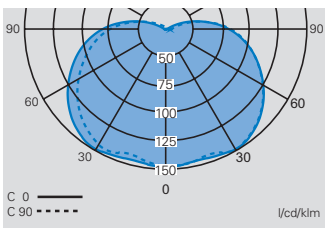
dKLK 23



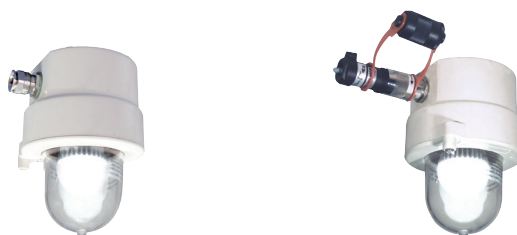
Mounting bracket



Polar curve
dKLK 23 LED



Dimensions in mm



Technical data

	dKLK 23 LED	dKLK 23 LED V-CG-S
EC-Type Examination Certificate	BVS 10 ATEX E 003	BVS 10 ATEX E 003
IECEX Certificate of Conformity	IECEX BVS 10.0003	IECEX BVS 10.0003
Marking accd. to 2014/34/EU	⊕ II 2G Ex d IIC T6 Gb ⊕ II 2D Ex tb IIIC T80°C Db IP66	⊕ II 2G Ex d IIC T6 Gb ⊕ II 2D Ex tb IIIC T80°C Db IP66
Marking accd. to IECEx	Ex d IIC T6 Gb Ex tb IIIC T80°C Db	Ex d IIC T6 Gb Ex tb IIIC T80°C Db
Permissible ambient temperature	-20 °C up to +40 °C	-20 °C bis +45 °C (depending on lamp power and position of use)
Rated voltage	230 V AC	220-240 V AC / 195-240 V DC
Rated current	ca. 37 mA / ca. 76 mA	ca. 76 mA
Frequency	50 - 60 Hz (AC)	DC und 50 - 60 Hz (AC)
Power factor cos φ	I	I
Protection class	Master glow LED bulb E27 6W (470 lm) LLED 8G 6027 LmKW 8W SPP1 (640 lm)	LLED 8G 6027 LmKW 8W SPP1 (640 lm)
Lamp / Illuminant	290 lm / 640 lm ¹⁾	640 lm ¹⁾
Rated luminous flux	E27 according IEC 60238	E27 according IEC 60238
Lamp cap	164.5 x 189 x 128 mm	164.5 x 189 x 128 mm
Dimensions (L x W x H)	Flameproof inlet eXLink, 3-pole, 2 + PE, cage clamp terminal for cable Ø 8-11 mm max. 1.5 mm ² or flameproof cable gland M20 x 1.5 for cable Ø 7 - 12 mm, terminal L, N, PE max. 2.5 mm ² clamp terminal	Flameproof inlet eXLink, 3-pole, 2 + PE, cage clamp terminal for cable Ø 8-11 mm max. 1.5 mm ² or flameproof cable gland M20 x 1.5 for cable Ø 7 - 12 mm, terminal L, N, PE max. 2.5 mm ² clamp terminal
Enclosure colour	RAL 1013	RAL 1013
Enclosure material	Glass fibre reinforced polyester	Glass fibre reinforced polyester
Weight	1.7 kg	1.7 kg
Degree of protection accd. to EN 60529	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate

¹⁾ Light colour 6000 K (8 W, 3000 K, 470 lm on request)