

COOPER Crouse-Hinds



 **CEAG**

EXIT

Showing
the Way in
Hazardous
Areas



Double safety

Whenever the operational safety of explosion-protected safety and escape sign luminaires is involved, there is no room for compromises, as only fully functional luminaires can save human lives. The new explosion-protected LED escape sign luminaire from CEAG Sicherheitstechnik GmbH not only fulfils the extremely high requirements for explosion protection, but also the legal requirements for emergency

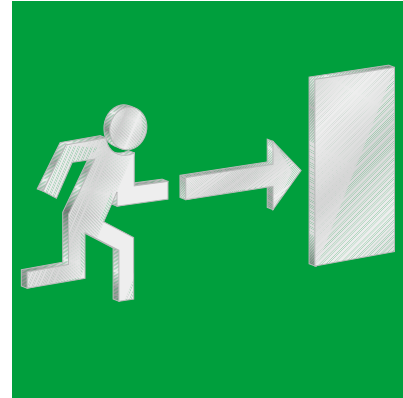
and safety lighting installations. Thus, the new EXIT luminaire is capable of safely showing the right way at all times, even in complex and often badly laid out industrial installations with potentially explosive atmospheres.



Conformity to standards

The EXIT Ex-escape sign luminaire fulfils the requirements of both ATEX Directive 94/9/EC and EN 60598, Part 2.22 for emergency lighting. It is suited for marking escape routes and exits in hazardous areas, in particular in combination with emergency lighting installations.

The enclosure of this luminaire is made of high-grade polycarbonate and the escape signs do, of course, comply with the latest requirements.



Practically maintenance-free

The white LED technology used for the illuminants guarantees maintenance-free operation with no need to replace them throughout the ca. 100 000 hour service life, during which time the specified lighting values of the escape sign luminaire are maintained.

It goes without saying that the supply electronics are also designed for this extremely long operating time. This reduces the operating costs and increases the operational safety enormously, particularly in locations that are not easily accessible.



For international use

The EXIT LED escape sign luminaire 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 254 V AC and 220 V DC, this luminaire can be used inter-

nationally, where by the supply circuits of the LEDs are intrinsically safe. The luminaire has a visibility range of 25m and is available with a wide variety of pictograms.



EXIT | EXIT CG-S

E X - E S C A P E S I G N L U M I N A I R E

| EXIT | EXIT CG-S |



PL

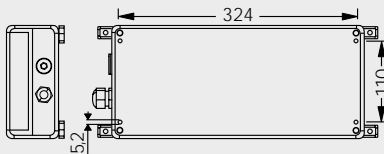
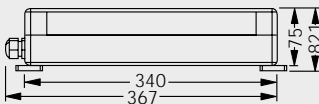
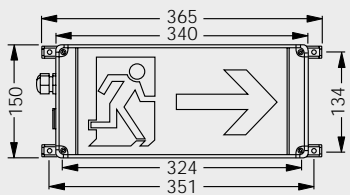


PR



PU

Escape signs according to latest standards



EXIT

Dimensions in mm

Technical data

EXIT | EXIT CG-S¹⁾

Marking to 94/9/EC	Ex II 2 G Ex II 2 D T60 °C
Explosion protection	EEx em ib IIC T6 (t _{a max.} +40 °C), T5 (t _{a max.} +50 °C)
EC-Type Examination Certificate	PTB 02 ATEX 2111
Visibility range	up to 25 m
Enclosure material	Polycarbonate
Protective cover	Polycarbonate
Cable entries	1 x Ex e cable entry M20 x 1.5 (moulded plastic) 1 x Ex e blanking plug M20 x 1.5
Enclosure colour	Grey RAL 7035
Mounting	Wall mounting
Dimensions in mm (L x H x D)	340 x 150 x 75
Connection terminals	3 x 2,5 mm ² double terminals
Rated voltage	AC: 110 - 254 V ± 10 %, 50/60 Hz DC: 220 V + 25 % - 20 %
Connection power	acc. 6 VA
Permissible temperature range	- 20 °C to + 50 °C
Illuminants	High-efficiency LEDs, white
Insulation class	I
in acc. with EN 60529	IP 65

Order data

Type	Scope of delivery	Order No.
EXIT	incl. cover with silk-screen pictogram PR	1 2191 000 001
	incl. cover with silk-screen pictogram PL	1 2191 000 002
	incl. cover with silk-screen pictogram PU	1 2191 000 003
EXIT CG-S ¹⁾	incl. cover with silk-screen pictogram PR	1 2191 020 001
	incl. cover with silk-screen pictogram PL	1 2191 020 002
	incl. cover with silk-screen pictogram PU	1 2191 020 003

Optional: Versions for M20 metal cable entries

¹⁾ For connection to CEAG emergency lighting apparatus with coding switch for 20 addresses.

Safe Area

Hazardous Area



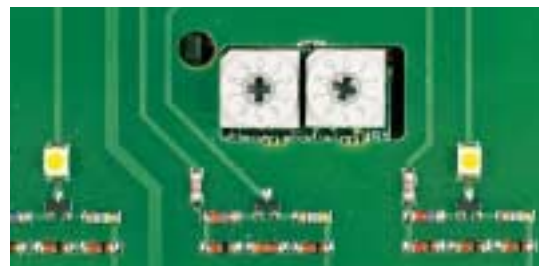
Green light for all zones

On account of the robust all-plastic enclosure made of polycarbonate in the high degree of protection IP 65, the EXIT luminaire can be installed almost anywhere, both indoors and out. The luminaire is designed in the type of protection EEx em ib IIC T6 and in accordance with the ATEX directive and can be used in hazardous areas with both potentially explosive gas atmospheres (Zones 1 and 2) and potentially explosive dust atmospheres (Zones 21 and 22).

Better safe than sorry

In addition to the EXIT for use as a mains luminaire, e.g. for specially safeguarded industrial networks in production plants, there is also the EXIT CG-S version with monitoring function. This version of the safety

the optional built-in CG-S monitoring module with coding switch for max. 20 addresses, this luminaire can also be operated as an individually monitored emergency lighting luminaire. The operator can



and escape sign luminaire is supplied with a battery-boosted power supply via a CEAG emergency lighting supply system. With

programme the switching function according to his individual requirements, thus allowing the operation of up to 20 luminaires with

different switching functions. 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 is not a problem. Another considerable advantage: the daily function test is carried out automatically by the central control unit. This saves no end of time and money.

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