

Mounting instruction for (MULTI)BASET–N–I

The BASET–N–I and MULTIBASET–N–I are dust-proof and water-proof fittings suitable for use in both indoor and outdoor applications where a risk of explosion is present.

BASET–N–I is used for non-maintained emergency lighting and MULTIBASET–N–I is used for maintained emergency lighting.

Reduced luminous flux and nominal luminous flux in emergency mode is as follows:

BASET–N–I, 1x7W	14%	MULTIBASET – N – I, 1x7W	14%
BASET–N–I, 1x9W	11%	MULTIBASET – N – I, 1x9W	11%
BASET–N–I, 1x11W	16%	MULTIBASET – N – I, 1x11W	16%

Mounting:

- Remove fitting from cardboard carton.
- Remove diffuser and reflector from housing by releasing retaining clips.
- Install glands and plugs in to provided entries in housing.
- Mount provided brackets to ceiling or wall and push housing securely in to place (See picture 1 below). A self-locking cable suspender can be provided as an optional extra if necessary (See picture 2 below).
- Pull supply cable through cable gland and tighten as necessary. Provided gland will suit flexible cable from 7.5-12mm.
- Hang reflector on plastic suspenders to allow wiring access.
- Connect supply cable to provided terminal block:

MULTIBASET-I

Terminal L1 - phase wire
Terminal L2 - switched phase
Terminal N - neutral wire
Terminal ⚡ - earth wire

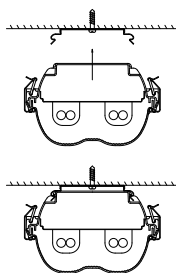
BASET-I

Terminal L1 - phase wire
Terminal N - neutral wire
Terminal ⚡ - earth wire

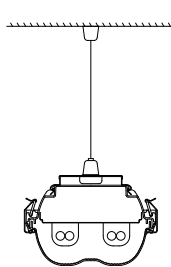
It is recommended to strip the cable insulation back by 8–9mm before wiring in to terminal block. Each terminal block connection point is permitted to receive two cables between 0.5–2.5mm².

- Indicate the date of installation on battery.
- Install reflector in housing and secure in place with the two plastic twist-bolts.
- Install suitable lamp (not provided) and twist in to operation position.
- Test fitting operation using red test button (ensuring no hazardous atmosphere is present).
- Offer diffuser to housing and fasten with steel locking clips. Please ensure that seal is engaged correctly.

picture 1



picture 2



Technical conditions of operation for (MULTI)BASET–N–I

1. Application

These fittings are used in areas with danger of explosion :

	Marking of outside influence	Area classification	
		Marking	Norms
Explosion danger of flammable dusts	BE3N1	ZÓNA 22	ČSN EN 50 281-1-2:1999
Explosion danger of flammable gases and vapours	BE3N2	ZÓNA 2	ČSN EN 60 079-10:1997 ČSN EN 60 079-14:1997

The light fitting is designed for use in ambient temperatures from 0°C to +30°C.

2. Operation and maintenance instructions:

- The fittings for above mentioned areas are used in accordance with valid norms ČSN EN.
- The fitting can not be opened whilst live.
- Free holes for supply cables that are not used for cable glands must be closed by sealing plugs (M20).
- In explosive atmospheres, the fitting can be cleaned with a wet towel, whilst cleaners must be grounded.

Undermentioned types of luminaires have been issued this certificate:

Certificate of type FTZÚ 04 ATEX 0219 issued 26.7.2004

For types of luminaires:

BASET-N-I-PC-WR..... II 3GD EEx nR II T6, T45°C
MULTIBASET-N-I-PC-WR.... II 3GD EEx nR II T6, T45°C

Battery change :

If a replacement battery is required, disconnection is not permitted whilst an explosive atmosphere is present. However it is possible to disconnect supply and remove complete fitting to allow unit to be transported back to safe area.

- Provide safe disconnection of fitting from supply.
- Take reflector from housing.
- Disconnect cable from terminal block.
- In safe area, disconnect battery from emergency unit in the fitting in sequence „-“ black wire and „+“ red wire.
- Unscrew the nut of retaining battery holder.
- Remove holder and battery.
- Install new battery and fix with holder (indicate on battery the date of setting in operation).
- Connect wires to battery in sequence „+“ red wire and „-“ black wire.
- Connect fitting to supply.
- Fix reflector in housing and fix diffuser with clips.



Warning for installation of BASET-I and MULTIBASET-I light fittings:

The fitting can be connected by authorised person only.

When the mounting instructions are not adhered to, the manufacturer will not be held responsible for the incidental damages incurred. Producer is part of systém of regressive acceptance and recycling covers of EKO-KOM company (EK-F06022453) Lighting fixtures are not allowed to be used in atmospheres that contain vibrations, mechanical tension, aggressive chemical substances and smear. These atmospheres reduce service life of plastic parts.

Maintenance:

Construction of lighting fitting does not need any special maintenance. Body can be cleaned with tepid water and added detergent cleaning agent.