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Health and safety

Every effort has been made to ensure the accuracy of the information given in our publications, but in accordance with our policy of continually improving our products we reserve the right to modify designs and specifications whenever necessary. All equipment is designed to conform to relevant British and International standards. Every care is taken to ensure that, as far as reasonably practical, it will perform without risk to health. It is essential that accepted codes of professional practice are followed in the assembly, installation and commissioning of the equipment. If in doubt with respect to any of these instructions, please consult Dorman before installing the device.

Dorman reserves the right to vary any component part to meet the required specifications without prior notice.



Certificate No. FM 14371

Dorman Ref. No C64.63932 Iss 2

24VDC LED Departure Direction Points Indicator (Ground) Installation Instructions

To Be Read Before Commencing Operation



Installation Instructions

General.

Before commencing assembly, any local safety requirements affecting the safe working environment of the signalling installation either directly or indirectly should be complied with.

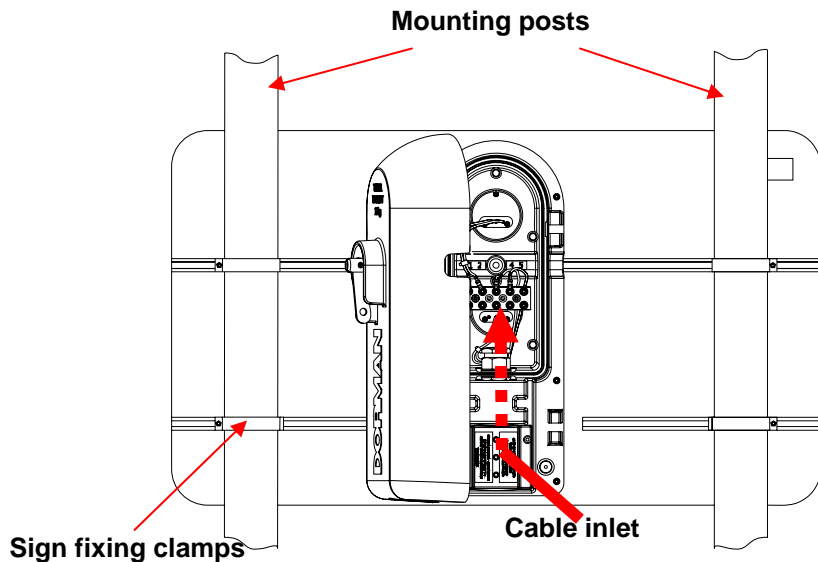
When the signal is fully assembled it weighs a maximum of 17.5Kg. It is the user's responsibility to ensure that if the unit is to be lifted then suitable certificated lifting apparatus should be used and all necessary safety precautions are adhered to.

The signal should only be electrically and mechanically installed, by staff deemed competent in these fields by their employer.

The installation standards of the indicator should follow the general provisions of the Signalling Installation Handbook.

Mounting the Signal

Clamp the DDPI to the mounting posts with four sign fixing clamps (**not supplied**) and torque the mounting bracket bolts to 25Nm max.



Electrical Connections.

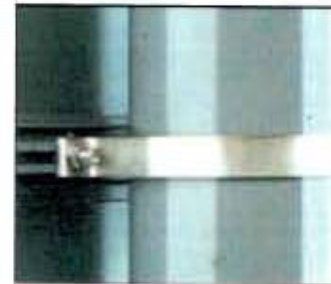
Access to the terminals used for the electrical connection of the signal is gained by unlocking and unscrewing the main locking bolt. The signal cover can then be hinged open.

The incoming cable to the signal is routed through a gland at the bottom of the terminal chamber which when tightened will complete the sealing of the enclosure.

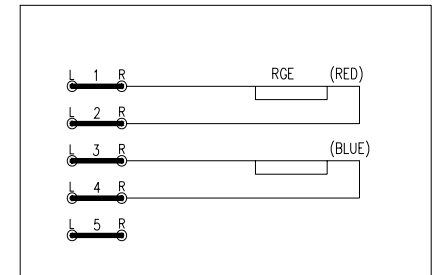
Within the terminal chamber, standard 2BA stud blocks are provided. These links are labelled as per the wiring diagram label affixed to the inner face of the terminal box and reproduced below

PIDG ring crimps fitted to each conductor are locked down by 2BA nuts onto the stud block. Temporary disconnection of each circuit may be achieved by use of sliding 2BA links.

When connection and testing is complete the cover can be refitted to the main body and the main locking bolt tightened. The locking bolt can be secured using a standard padlock if required.



Sign Fixing Clamps



Schematic diagram
Module wiring connections

Approvals and Specifications.

Pads No.
DDP Assembly Part No.

086/021018
DDPH1/RB/2/N/G

Operating Voltage
Nominal Operating Current

24Vdc
Red: 0.035A @ 24 VDC
Blue: 0.035A @ 24VDC

Dust/Water Ingress Rating
Weight

IP54
17.5Kg (DDPI with backboard)