1-D4720-001-14

OMD Mk6 junction box for 14 detectors with M20 glands

Product overview

The junction box is connected to the OMD Mk6 control panel by two cables, 24 VDC to power the detectors and a communication cable. Up to 14 OMD Mk6 detectors may be connected to the junction box minimizing the cable lengths to the detectors.

The control unit cables are connected via two M20 plastic glands, cable diameter 10 to 14 mm.

Metal glands included with the junction box provide easy connection of the detector cable screen to the junction box enclosure earth and maintain the IP65 rating of the unit.

An independent back-up alarm relay output provides a high oil mist level indication in the event of a communications failure with the control unit.



Details

- Engine mounted to minimize cable length to the detectors
- Provides screw terminal connections for up to 14 OMD Mk6 detectors
- Connects directly to the OMD Mk6 control panel
- Includes the end of line termination for the detector communication connection
- A back-up alarm relay output provides a high oil mist level indication in the event of a communications failure with the control unit
- Metal glands provide easy connection of the detector cable screen to the junction box enclosure earth

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Technical specifications

Electrical

Power supply type	24 VDC
Power consumption	0.1 W
Operating voltage	24 VDC (-25% / +30%)

Input

Input quantity	2
Input type and rating	1 x RS485, 1 x 24 VDC, 4 A max.

Output

Output quantity	15
Output type and rating	14 x OMD Mk6 detector, 1 x volt-free change over relay rated at 30 VDC, 1 A

Physical

Physical dimensions	318 x 186 x 90 mm (L x W x D)
Net weight	2.7 kg
Colour	Aluminium
Cable entries	17
Material	Aluminium

Environmental

Operating temperature	0 to +70°C
Storage temperature	-20 to +60°C
IP rating	IP65

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