

FEATURES

- ✓ Intrinsically safe
- ✓ Unique 'Plug & Play' installation concept
- ✓ Anti-Tamper facility
- ✓ Enhanced aesthetics
- ✓ Fully approved to relevant standards
- ✓ Backward compatibility
- ✓ Type A MCP as per AS 1670.1.2018 Part 3.14.7 (a flap must be included with the unit to comply)



*flap purchased separately

PRODUCT DESCRIPTION

An Intrinsically Safe version of our outdoor call point is available for installation in hazardous areas. They are intended for use within Intrinsically Safe (I.S.) systems using suitable I.S. barriers.

The MCP range directly provides a unique 'plug and play' concept designed specifically to reduce installation time. All MCP products utilise a special terminal block, where all initial installation cabling is terminated. This terminal block is then simply connected to the back of the MCP.

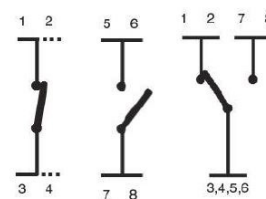
TECHNICAL SPECIFICATIONS

ELECTRICAL

Connection Details	See Figure 1
Cable Termination	0.5-2.5mm ²
Maximum Voltage	30Vdc
Suitable I.S. Barriers	MTL4061, MTL5061

A certified shunt zener barrier may be used having the following output parameters:
 U_z – 28V, I_{max} – 93.3mA, W_{max} – 0.67W

Figure 1

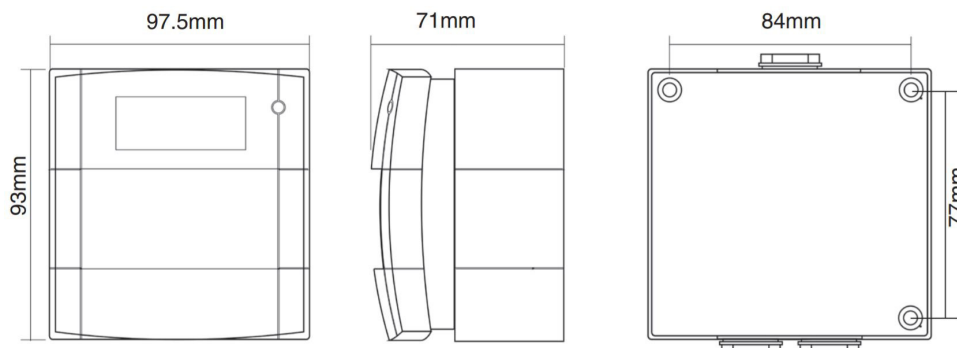


ENVIRONMENTAL

Humidity	93 ± 3% non-condensing
Ambient Temperature Range	-25°C to +70°C
Ingress Protection (IP) Rating	IP67

MECHANICAL

Material	PC/ABS
Weight	350g
Colour	Red (RAL3001)



ORDERING INFORMATION

Model	Electrical Configuration	Mounting	Operating Element	Markings
MCP-K-R-IS-IP67	N/O & N/C contacts 30Vdc	Flush	Glass	EN54-11

N/O = Normally Open Contact

N/C = Normally Closed Contact

SPARE PARTS

MCP-K-SG-PK10	Pack of 10 spare glasses - Dimensions: 75mm L x 40mm H
MCP-K-SF	Spare Flap to suit KAC Rounded Front Call Points

APPROVALS

- ✓ II 1 G EEx ia IIC T4
- ✓ Sira 04ATEX2350X