Water Leak Detector

Early Warning Against Water Damage

PRODUCT DATA

GENERAL INTRODUCTION

The EPL-WDS is a point-type water leak detector that identifies leaks at an early stage in indoor areas, protecting the building and its electrical equipment from water damage. Water is detected by one point-type sensor connected to the sensor input (S1, S2). When water is present, the unit sounds its built-in buzzer and signals a building management system (BMS), PLC or alarm panel through its dry-contact relay output.



Key Feature:

Single-point water leak detection with local buzzer and relay output.

ADVANTAGES

◊ Early Warning, Limited Damage

The sensor sits at the lowest point in full contact with the floor and detects the first pooling of water. The leak is therefore reported before it can damage the structure or any electrical equipment.

◊ Direct Integration Into Automation

The changeover (COM / NO / NC) dry-contact relay output works with building management systems, PLCs and alarm panels without any additional converter.

TECHNICAL SPECIFICATIONS

GENERAL	
Model	EPL-WDS
Product Name	Water Leak Detector (point-type sensor)
Country of Origin	Türkiye
Conformity	CE

ELECTRICAL RATINGS	
Supply Voltage	24 V DC ±5%
Power Consumption	0.6 W / 25 mA @ 24 V DC
Relay Output	1x changeover (SPDT) dry contact: COM / NO / NC
Contact Rating	1 A @ 120 VAC · 1 A @ 24 VDC (resistive load)
Cables	Supply and relay cable: 50 cm · Sensor cable: 50 cm
Alarm Delay	0 – 30 s (adjustable)
Buzzer	Sounds while the alarm is active
Ingress Protection	IP64

CONNECTIONS

Terminal layout from left to right: S1 · S2 - 24V · 0V · COM · NC · NO. The sensor connects to S1 and S2, the 24 VDC supply to the 24V terminals, and the relay output to the automation system via COM–NC/NO.

> ⚠ Use COM–NO if the automation system expects a contact that closes on alarm. Use COM–NC if it expects a contact that opens on alarm.

PRODUCT COMPONENTS

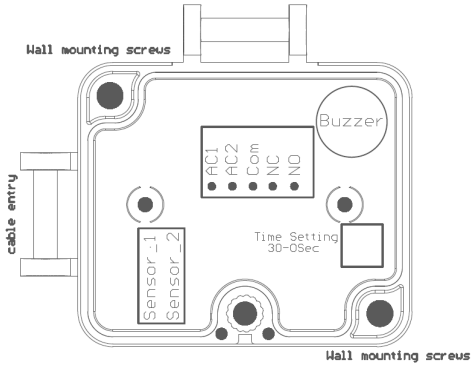


Figure 1 – Internal layout

PHYSICAL DIMENSIONS

DIMENSIONS AND WEIGHT	
Dimensions (W x H x D)	57 mm x 48 mm x 41 mm
Weight	200 g
Mounting Type	Wall mounting (2 screws)

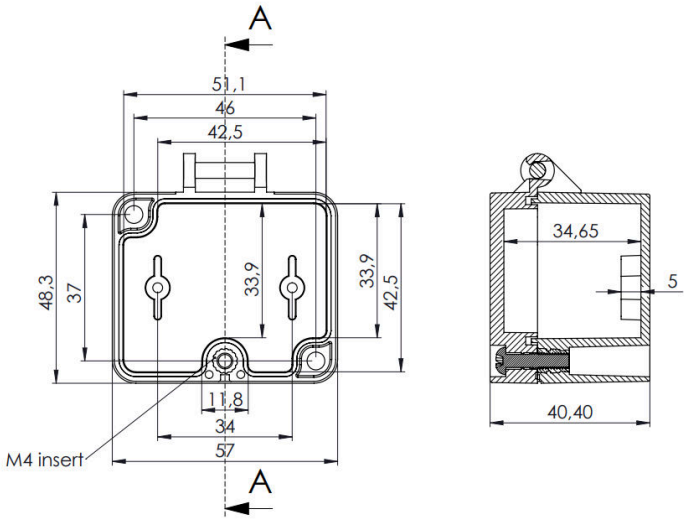


Figure 2 – Dimensions

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