Water Leak Detector

Early Warning Against Water Damage

PRODUCT DATA

GENERAL INTRODUCTION

Water leaks are among the most costly faults a building can suffer, precisely because they grow unnoticed. The EPL-WDS2 responds the moment water first collects in the monitored area, reporting the leak while it is still small. Two point-type sensors connect to a single unit, so two separate risk areas can be watched at once, and the dry-contact relay output ties the device directly into a building management system, PLC or alarm panel. Designed and manufactured in Türkiye.



Key Feature:

Two-point water leak monitoring from a single unit

ADVANTAGES

◊ **Early Warning, Limited Damage**

The sensors sit at the lowest point in full contact with the floor and detect 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 NO-COM dry contact relay output works with building management systems, PLCs and alarm panels without any additional converter.

◊ **Adjustable Delay Against False Alarms**

A delay of 0 to 30 seconds prevents needless alarms during cleaning or brief splashes. The Alarm Snooze button silences an active alarm temporarily.

TECHNICAL SPECIFICATIONS

GENERAL

Country of Origin	Türkiye
Conformity	CE

ELECTRICAL RATINGS

Supply Voltage	24 VDC
Power Consumption	0.6 W / 25 mA
Relay Output	NO-COM dry contact
Contact Rating	120VA/30W (1 A) - 240VA/48W (2 A)

TERMINAL CONNECTIONS

S1	Point sensor input 1
S2	Point sensor input 2
24V / 0V	Power supply input (24 VDC)
COM	Relay common
NO	Relay normally open contact
Conductor Cross-Section	2 mm^2

ENVIRONMENTAL CONDITIONS

Operating Temperature	-10 °C _ +45 °C
Relative Humidity	≤ 90% RH (non-condensing)
Ingress Protection	IP-54

WIRING DIAGRAM & INSTALLATION

Terminal layout from left to right: S1 · S2 · 24V · 24V · COM · NO. The sensors connect to S1 and S2, the 24 VDC supply to the 24V terminals, and the relay output to the automation system via COM–NO.

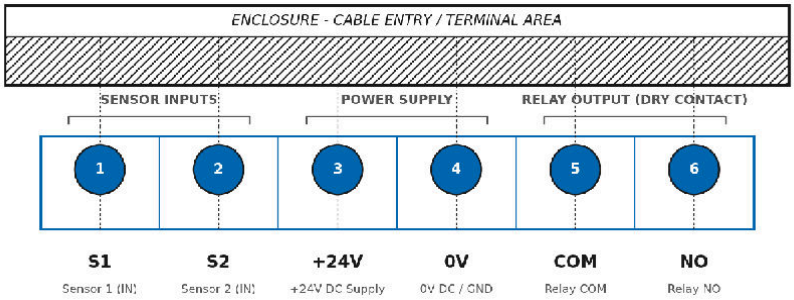

Figure 1 – Wiring Diagram

PHYSICAL DIMENSIONS

DIMENSIONS AND WEIGHT	
Dimensions (W x D x H)	62 x 103 x 37 mm
Weight	200 g
Mounting Type	DIN ray (TS35)

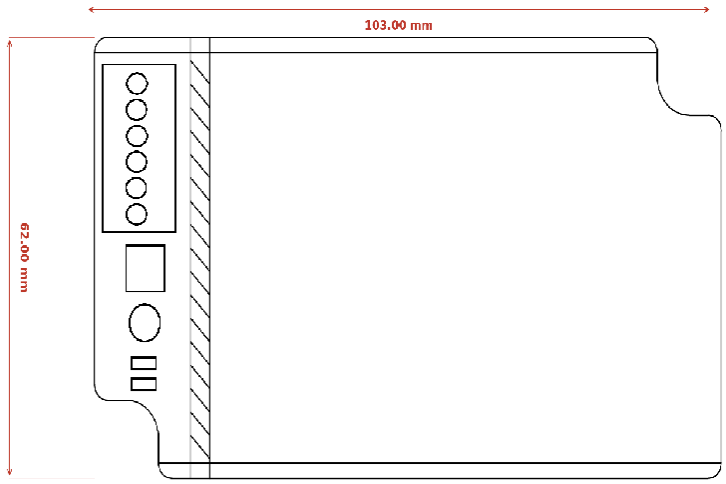

Figure 2

Energyplus® Teknoloji A.Ş.
Oruçreis Mah. Tekstilkent Cad. T-10 Blok No: 315 Esenler / Türkiye
+90 212 909 98 10
https://www.energyplusstore.com info@energyplusstore.com