1 - wire interior sensors T, T+RH, CO$_2$

The company Regmet s.r.o. offers a wide range of sensors and controllers in the designs of electrical installation technology manufacturers. The mentioned devices communicate via the Dallas protocol using the DS2438 circuit via a 1-wire bus. Below are the supplied versions.

ABB   Tango, Levit   Time, Element   Impuls, alpha exclusive

ABB   Swing   Neo   Zoni

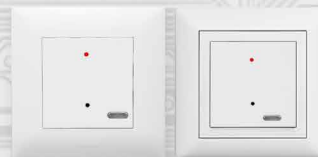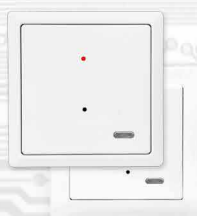**LEGRAND**   Valena, Valena Life   Cariva   Niloé step, Suno

BTicino   LivingLight   Axolute

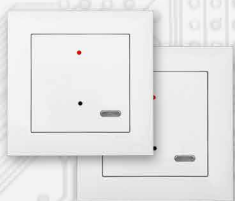**Schneider Electric**

New Unica
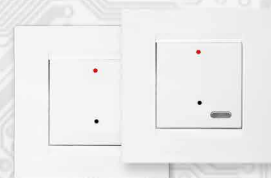
Anya, Asfora

M-plan, M-smart

Artec/Antique

Efapel
Vimar
Schrack

Efapel - Logus

Vimar - Plana

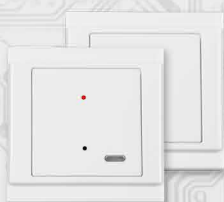Schrack - Visio 45

JUNG

A500, AS500

CD500

LS990
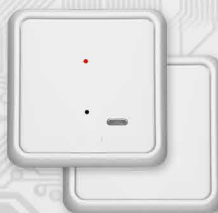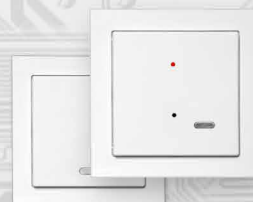
EATON

NIKO

22.2°
42.5%

GIRA   E22   **Standard 55**

Overview of types: (the source of the input signal is in parentheses):

HT1W = T (DS2438 + SHT31) + RH (SHT31)
HTA1W = T (DS2438) + RH (SHT31) + AI (analog input 0÷10V)
HTD1W = T (DS2438) + RH (SHT31) + DI (digital input)
NTA1W = T (DS2438) + AI (analog input 0÷10V)
NTD1W = T (DS2438) + DI (digital input)
NTC1W-5V = T (SHT31) + CO2 (0÷5000ppm) with ext. power supply 5V

The types with added temperature sensor DS18B20 (or DS18S20 = xx1W+DS):

HT1W+DB = T (DS2438 + SHT31 + DS18B20) + RH (SHT31-ARP)
HTA1W+DB = T (DS2438 + DS18B20) + RH (SHT31) + AI (analog input 0÷10V)
HTD1W+DB = T (DS2438 + DS18B20) + RH (SHT31) + DI (digital input)
NTA1W+DB = T (DS2438 + DS18B20) + AI (analog input 0÷10V)
NTD1W+DB = T (DS2438 + DS18B20) + DI (digital input)
NTC1W-5V+DB = T (DS18B20) + CO2 (0÷5000ppm) with ext. power supply 5V
HTC1W-5V+DB = T (DS18B20) + RH (SHT31) + CO2 (0÷5000ppm) with ext. power supply 5V

T = temperature
RH = relative humidity
AI = analog input 0÷10V
DI = digital input
CO2 = concentration of CO2