

Energy Harvesting



EnOcean Switch Module

Features – Switch Module

- Flexibility in application design and easy to install
– no cables necessary
- Long lifetime (100,000 switching cycles) and no batteries – maintenance-free
- Suitable for all Energy Harvesting switch series
- Completely compatible with existing EnOcean® RF-Systems
- ZF as member of the EnOcean® Alliance enables customer specific RF solutions

Standard parts

AFIM-1019 EnOcean Switch Module

Technical Data

Dimensions	40 x 40 x 11.2 mm
Frequency bands	868 MHz (EU/Asia) / 915 MHz (US) on request
RF protocol	EnOcean® Alliance Radio Standard ERP1 (ISO/IEC 14543-3-10)
RF distance (in buildings)	up to 30 m (in buildings at 0 dBm)
Certification	EnOcean® 3.0, Certified Platform 3.0
Power supply	Self-powered
Actuation force	Typ. 11 N
Device identification	Individual 32 bit ID
Data packages	3 telegrams per push and release
EnOcean Equipment Profiles	TX-EEP F6-01-01, F6-02-01, F6-02-02, F6-02-03, F6-04-01, D2-03-00
Security	Rolling code with AES128 on request
Configuration	Pairing over market available EnOcean® receivers, NFC on request
Operating temperature	-20 °C up to +65 °C

<https://switches-sensors.zf.com>

Page 1 of 1, Last update 2024-09-25, Specifications subject to change without notice. In case there are any deviations, the drawing details priority.

