



# devolo Magic 1 LAN 1-1

## Technical data

|                                          |                                                                                                        |      |      |
|------------------------------------------|--------------------------------------------------------------------------------------------------------|------|------|
| <b>Standards</b>                         | IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3az<br>Auto MDI/X<br>HomeGrid Forum (HGF) |      |      |
| <b>Transmission speeds</b>               | Ethernet 10/100/1000 (mbps) (max. 330 mbps)<br>Powerline 1200 (mbps)                                   |      |      |
| <b>Modulation • Carrier</b>              | Powerline OFDM - 4096/1024/256/64-QAM, QPSK, BPSK                                                      |      |      |
| <b>Range (in m)</b>                      | Powerline: 400                                                                                         |      |      |
| <b>Security</b>                          | 128 Bit AES                                                                                            |      |      |
| <b>LEDs</b>                              | PLC (multi)                                                                                            |      |      |
| <b>Buttons</b>                           | Pairing Factory<br>Default                                                                             |      |      |
| <b>Socket • Connector • Countries</b>    | Type F (CEE 7/4) • F (CEE 7/4) • (DE,NL,ES,PT,AT,SE,FI,NO,GR,HU,SI)                                    |      |      |
| <b>Power output to integrated socket</b> | 16 A                                                                                                   |      |      |
| <b>Device port</b>                       | 1 x Ethernet RJ45                                                                                      |      |      |
| <b>Power consumption</b>                 | Maximum                                                                                                | W/A: | 3,2W |
|                                          | Typical                                                                                                | W/A: | 2,8W |
|                                          | Stand-By                                                                                               | W/A: | 0,5W |
| <b>Power supply</b>                      | internal<br>196-250 V AC<br>50 Hz                                                                      |      |      |
| <b>Attenuation filter</b>                | 2 - 80 MHz                                                                                             |      |      |
| <b>Filter characteristics</b>            | -22 db to -45 db                                                                                       |      |      |
| <b>Temperature (Storage • Operating)</b> | -25°C to 70°C • 0°C to 40°C                                                                            |      |      |
| <b>Dimensions (in mm, without plug)</b>  | 130 x 66 x 42                                                                                          |      |      |
| <b>Ambient conditions</b>                | 10-90% Humidity (non-condensing)                                                                       |      |      |

|                                       |                                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Operating systems from version</b> | Android 5.1<br>iOS 10<br>Windows 7 (32/64Bit)<br>Ubuntu-Linux 16.04 (32/64 Bit)<br>MAC OS X 10.9 |
|---------------------------------------|--------------------------------------------------------------------------------------------------|

|                       |              |
|-----------------------|--------------|
| <b>Certifications</b> | CE compliant |
|-----------------------|--------------|

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| <b>Additional features</b> | Energy saving mode can be enabled/disabled, HTML configuration page |
|----------------------------|---------------------------------------------------------------------|

## Sales information

|                            |   |
|----------------------------|---|
| <b>Warranty (in years)</b> | 3 |
|----------------------------|---|

|                    |                                            |
|--------------------|--------------------------------------------|
| <b>Accessories</b> | Printed Install Flyer<br>Ethernet Cable(s) |
|--------------------|--------------------------------------------|

## Single adapter

### 8294 (EU)

|                    |                   |
|--------------------|-------------------|
| <b>EAN:</b>        | 4250059682948     |
| <b>Weight:</b>     | 475 g             |
| <b>Dimensions:</b> | 190 x 118 x 92 mm |

#### WEEE additional information:

|                             |       |
|-----------------------------|-------|
| <b>Weight WEEE:</b>         | 265 g |
| <b>Paper (Green Dot):</b>   | 175 g |
| <b>Plastic (Green Dot):</b> | 2 g   |
| <b>other (Green Dot):</b>   | 0.2 g |

## Starter Kit

### 8302 (EU)

|                    |                   |
|--------------------|-------------------|
| <b>EAN:</b>        | 4250059683020     |
| <b>Weight:</b>     | 790 g             |
| <b>Dimensions:</b> | 188 x 231 x 92 mm |

#### WEEE additional information:

|                             |       |
|-----------------------------|-------|
| <b>Weight WEEE:</b>         | 530 g |
| <b>Paper (Green Dot):</b>   | 220 g |
| <b>Plastic (Green Dot):</b> | 4 g   |
| <b>other (Green Dot):</b>   | 0.4 g |