

# 2815

## Wiegand to RS485 Converter



THE POWER TO SECURE



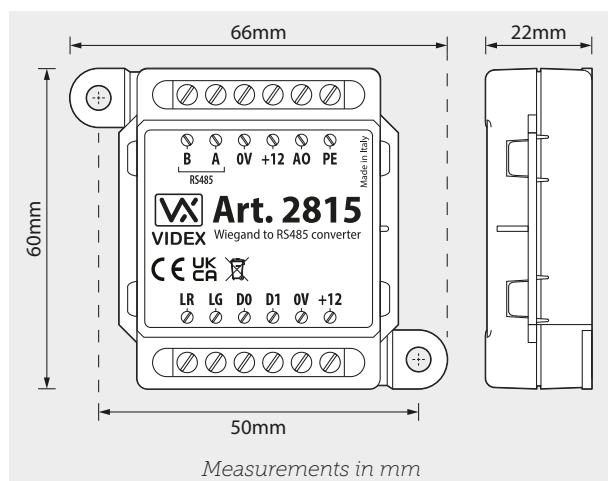
The **Art.2815** is a wiegand to RS485 converter, it allows the connection of 3rd party wiegand proximity readers and keypads to an RS485 bus.

The converter is compatible with **VIDEX's** 4G GSM intercom modules (excl. **Art.150/4G**) and **VIDEX's** IP system devices.

The converter has a single switched 0V auxiliary output **AO** that can be used to trigger a relay and can be activated either via the RS485 bus or via the switched 0V **PE** input.

It is also networkable with **VIDEX's** RS485 remote relay the **Art.2813** and when set with the same device ID will operate the remote relay.

Programming is via the internal dip-switches to select the wiegand protocol and device type (proximity reader or keypad), device ID setup (**ID.0 - ID.15**), auxiliary output **AO** time (1 - 15 secs or 0 for latch mode) and keypad access code length (any length or 4 - 8 digits).



### Main features

- RS485 bus connectivity.
- Connect 3rd party wiegand proximity readers and keypads.
- Switched 0V auxiliary output **AO**.
- Switched 0V **PE** input to activate **AO**.
- Programmable **AO** activation time with latch mode.
- Connection to **VIDEX's** 4G GSM intercom modules and IP system devices via RS485.

### Technical characteristics

<b>Device type</b>	Wiegand to RS485 bus converter
<b>Power supply</b>	12Vdc +/-10%
<b>Current</b>	10mA (max.)
<b>RS485 bus</b>	RS485 input/output terminals A and B
<b>Inputs</b>	12Vdc power input, PE (switched 0V, to activate AO)
<b>Outputs</b>	Auxiliary output AO (switched 0V, 100mA), wiegand terminals: LR, LG, D0 and D1, 12Vdc output to power 3rd party reader/keypad
<b>Programming</b>	Via internal dip-switches: wiegand protocol & device (prox. or keypad) selection, device ID setup: <b>ID.0 - ID.15</b> , AO activation times (1 - 15 secs or 0 latch mode), keypad access code length (any length or 4 - 8 digits)
<b>Dimensions (mm)</b>	66 (W) x 60 (H) x 22 (D)
<b>Mounting</b>	Surface wall mount

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