

# AMBILL® 36

# AMBILL® 230, 230 CS

## Remote displays

### Application

Remote displays are used for reading the consumption data of meters with pulse or Namur output without entering the premises



### Features

- Can be used for meters with reed contact, open collector or Namur output
- Optical display of consumption (except AMBILL® 230 CS)
- Data reading via optical, CS or M-bus interface
- Data logger
- Fixed date function

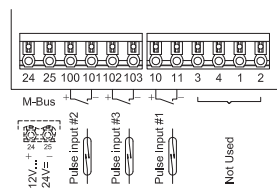
### Your benefits

- Meter reading without need to enter premises
- Date-specific reading
- Electronic reading without reading error
- Universally usable for all meters with pulse or NAMUR output

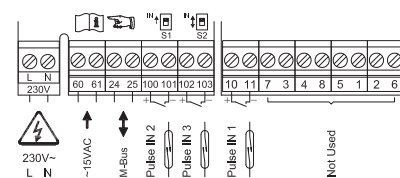
	<b>AMBILL® 36</b>	<b>AMBILL® 230</b>	<b>AMBILL® 230 CS</b>
<b>Art. No.</b>	94154	94155	94156
Power supply	battery	230 V 50/60 Hz / 12...24 VDC / 15 VAC	230 V 50 Hz
Battery service life	>10 years	-	-
<b>Inputs</b>	3	3	1
of which suitable for:			
- reed/open collector/aquapuls®/ contact	3	3	1
- Namur sensor IEC 60947-5-6 (DIN 19234)	-	1	1
Max. pulse frequency			
- Input 1	-	200 Hz aktive, 20 Hz passive	200 Hz
- Input 1 symmetrical / asymmetrical	6 / 10 Hz	-	-
- Input 2 + 3 symmetrical / asymmetrical	6 / 10 Hz	6 / 10 Hz	-
- Min. pulse length	>8 ms	input 1 >0.35 ms input 2 + 3 >8 ms	>2.5 ms
- Min. pulse pause	>80 ms	input 1 >2.5 ms input 2 + 3 >80 ms	>2.5 ms
Pulse value for volumes	0.0001 ml...9999.999 m <sup>3</sup>	0.0001 ml...9999.999 m <sup>3</sup>	0.00000001...99999.9
Display	m <sup>3</sup> , USGal, kWh, MWh, MJ, GJ, kBtu, MBtu	m <sup>3</sup> , USGal, kWh, MWh, MJ, GJ, kBtu, MBtu	-
<b>Data logger</b>			
Number of data records	60	60	400 daily, 15 monthly va- lues, days with downtimes, leakages and peak values
Fixed days	2	2	2
Scanning	Month, 2 days, 1 day	Month, 2 days, 1 day, hour	-
<b>Outputs</b>			
Optical interface IEC 870-5, M-bus	Yes	Yes	-
Optical interface IEC 62056-21	-	-	Yes
M-bus interface	Yes	Yes	-
CS interface IEC 62056-21 (IEC 1107)	-	-	Yes
Dimensions W x H x D	120 x 163 x 49 mm	120 x 163 x 49 mm	120 x 163 x 49 mm
Ambient temperature	5...55 °C	5...55 °C	5...55 °C
Transport and storage temperature	0...60 °C	0...60 °C	0...60 °C
Mounting type	Wall mounting or on DIN rail	Wall mounting or on DIN rail	Wall mounting or on DIN rail

## Connection diagram

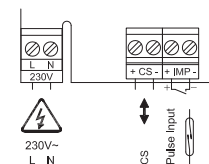
### AMBILL® 36



### AMBILL® 230



### AMBILL® 230 CS



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