



The Weather Unit WZ/S 1.1 is used for recording weather data. The Weather Sensor WES/A 1.1 is connected to the WZ/S 1.1. The connection to the bus is established via the Bus Connection Terminal at the front of the device. The device is ready for operation after connecting the mains voltage of 115...230 V AC and the bus voltage. The Weather Unit WZ/S 1.1 is parameterised via ETS2 V1.2a or higher.

Note: Fascade control is not possible with the WZ/S 1.1. Please use our Weather Station WS/S for this purpose.

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**Technical Data**

<b>Power supply</b>	<ul style="list-style-type: none"> <li>- Bus voltage</li> <li>- Current consumption, bus</li> <li>- Mains voltage <math>U_s</math></li> <li>- Power consumption</li> <li>- Current consumption, mains</li> <li>- Power loss</li> </ul>	21 ... 32 V DC < 10 mA 115 ... 230 V AC (+ 10 % - 15 %), 50/60 Hz Max. 11 W, at 230 V AC 80/40 mA, at 115/230 V AC Max. 3 W, at 230 V AC
<b>Connections</b>	<ul style="list-style-type: none"> <li>- EIB / KNX</li> <li>- Mains voltage</li> <li>- 1 ( 0 V potential)</li> <li>- 2 (24 V potential)</li> <li>- A</li> <li>- B</li> </ul>	Via Bus Connection Terminal, screwless 2 screw terminal Power supply Power supply Data communication Data communication
<b>Connection terminals</b>	<ul style="list-style-type: none"> <li>- Screw terminals</li> <li>- Tightening torque</li> </ul>	0.2 ... 2.5 mm <sup>2</sup> finely stranded 0.2 ... 4.0 mm <sup>2</sup> single-core Max. 0.6 Nm
<b>Cable length / cross-section</b>	<ul style="list-style-type: none"> <li>- Between Weather Unit and Weather Sensor</li> </ul>	Max. 100 m
<b>Operating and display</b>	<ul style="list-style-type: none"> <li>- P-YCYM or J-Y(ST)Y</li> </ul>	2 x 2 x 0.8
<b>Elements</b>	<ul style="list-style-type: none"> <li>- Programming-LED</li> <li>- Programming button</li> </ul>	for assignment of the physical address for assignment of the physical address
<b>Enclosure</b>	<ul style="list-style-type: none"> <li>- IP 20</li> </ul>	to DIN EN 60 529
<b>Enclosure safety class</b>	<ul style="list-style-type: none"> <li>- II</li> </ul>	to DIN EN 61 140
<b>Temperature range</b>	<ul style="list-style-type: none"> <li>- Operation</li> <li>- Storage</li> <li>- Transport</li> </ul>	<ul style="list-style-type: none"> <li>- 5 °C...+ 45 °C</li> <li>- 25 °C...+ 55 °C</li> <li>- 25 °C...+ 70 °C</li> </ul>
<b>Design</b>	<ul style="list-style-type: none"> <li>- Modular DIN-Rail Component (MDRC)</li> <li>- Dimensions</li> <li>- Mounting width in space units</li> <li>- Mounting depth</li> </ul>	Modular installation device, ProM 90 x 72 x 64.5 mm (H x W x D) 4, 4 modules at 18 mm 64.5 mm
<b>Installation</b>	<ul style="list-style-type: none"> <li>- On 35 mm mounting rail</li> </ul>	to DIN EN 60 715
<b>Mounting position</b>	<ul style="list-style-type: none"> <li>- as required</li> </ul>	
<b>Weight</b>	<ul style="list-style-type: none"> <li>- 0.2 kg</li> </ul>	
<b>Housing/colour</b>	<ul style="list-style-type: none"> <li>- Plastic housing, grey</li> </ul>	
<b>Approvals</b>	<ul style="list-style-type: none"> <li>- EIB / KNX to EN 50 090-1, -2</li> </ul>	Certification
<b>CE mark</b>	<ul style="list-style-type: none"> <li>- in accordance with the EMC guideline and low voltage guideline</li> </ul>	

Application program	Max. number of communication objects	Max. number of group addresses	Max. number of associations
Sensor Data/1	78	100	100

**Note**

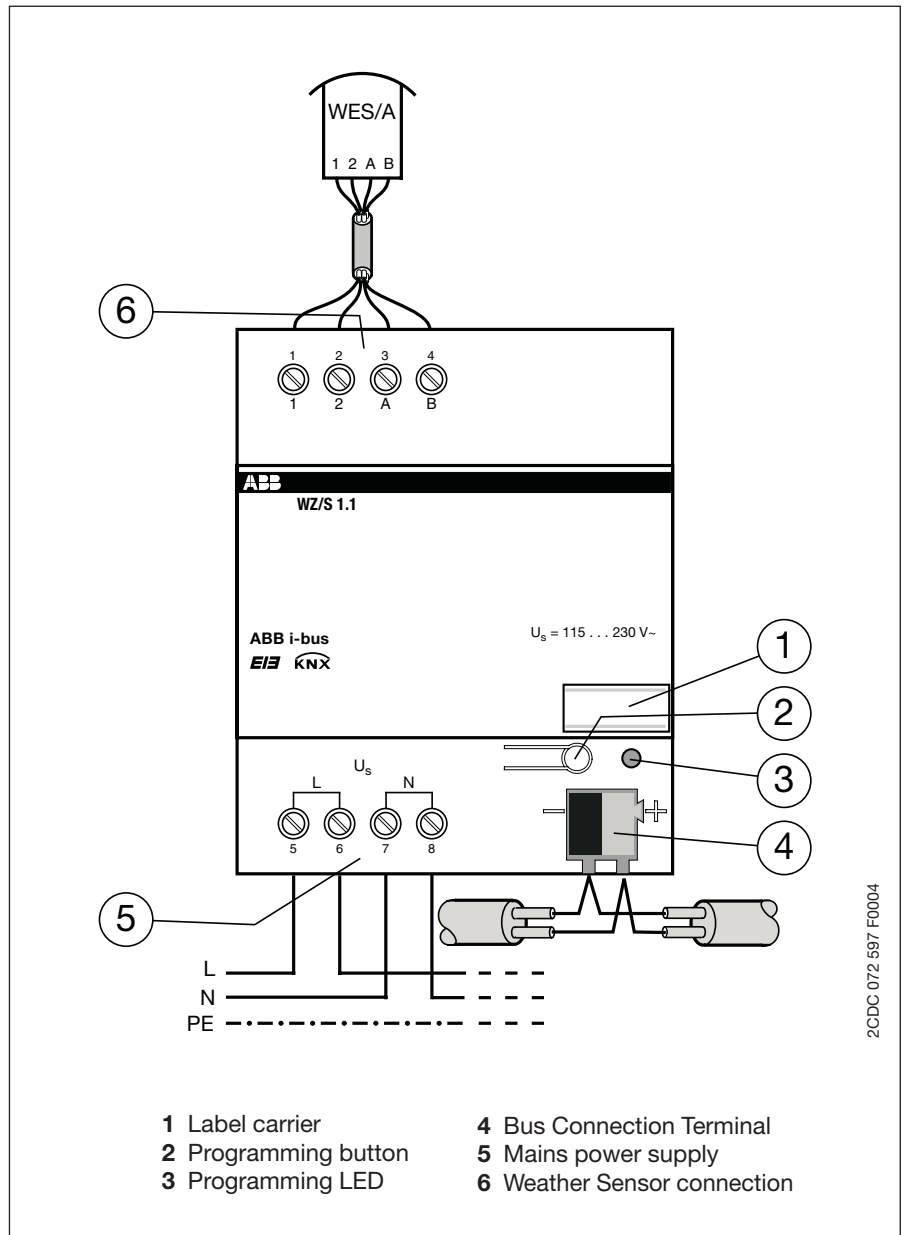
The programming requires EIB Software Tool ETS2 V1.2a or higher. If ETS3 is used a “.VD3” type file must be imported. The application program is available in the ETS2/ETS3 at ABB/input/Weather Unit 1-fold.

Detailed information about the application can be found in the product manual for the “Weather Unit/Weather Sensor WZ/S 1.1/WES/A 1.1”. This manual can be free downloaded under [www.abb.de/eib](http://www.abb.de/eib).

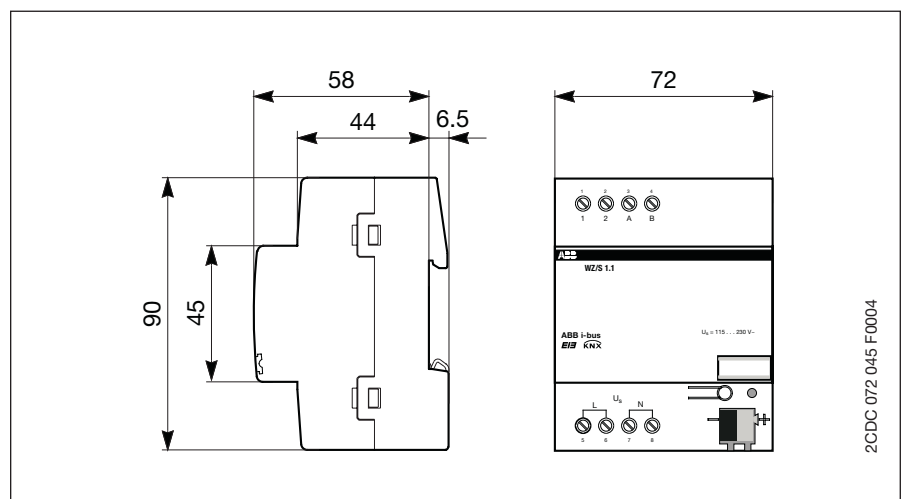
Wiring diagram  
"Weather Unit"

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Dimension drawing  
"Weather Unit"



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ABB i-bus® EIB / KNX

Weather Unit, 1 fold, MDRC  
WZ/S 1.1, 2CDG 110 034 R0011

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