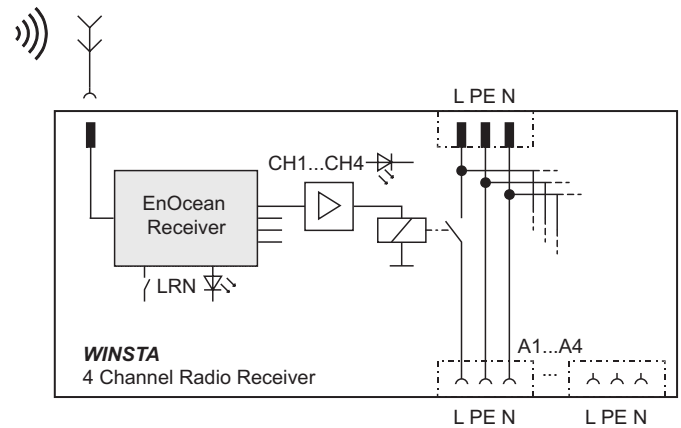
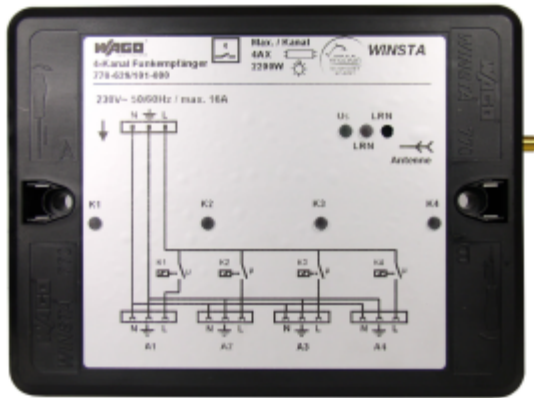


4 Channel WINSTA® Radio Receiver

1/2

4 NO, 16 A

Data sheet


Description	Item-No.	Pack.-unit pcs																																													
4 Channel WINSTA® Radio Receiver (Lighting-Control) 4 normally open contacts, 16 A	770-629 / 101-000	1																																													
<p>The WINSTA® Radio Receivers for switching of 4 individual loads (e.g. lamps) via radio sensors and push-buttons are based on EnOcean Radio Technology. Transmission is on a european-wide harmonized transmission range of 868.3 MHz. The system is specially dedicated for flexible, pluggable building automation because the expenditure for new or reconfiguring of installations is minimized.</p> <p>The 4 channel Radio Receiver enables easy integration of 868MHz Radio Technology into fast and easy to use WINSTA® Connector Wiring Systems.</p> <p>Outputs are operated by switching commands from radio receivers based on EnOcean PTM-Modules (Piezo Transmitters) which are available from different manufacturers. Push buttons must be based on PTM 100 or PTM200 Modules.</p> <p>The assignment between sensor and output has to be taught (Learn-Mode) once during commissioning, the assignments are stored mains-failure protected in the NV-Ram of the Receiver. Multiple assignments between sensors and outputs are possible, e.g. one push-button could be assigned to multiple outputs (1:n); multiple push-buttons could be assigned to one output channel (n:1). One receiver could be operated from up to 30 transmitters at all.</p> <p>More information: See mounting and installation instructions on www.wago.com / Service / Downloads / Documentation</p>	<p>Technical Data</p> <table border="1"> <tr><td>Supply voltage</td><td>AC 230, 50...60 Hz</td></tr> <tr><td>Voltage range</td><td>± 10 %</td></tr> <tr><td>Max. current consumption (int.)</td><td>21 mA</td></tr> <tr><td>No. of channels</td><td>4</td></tr> <tr><td>Max. sum of load</td><td>16 A</td></tr> <tr><td>Type of load</td><td>resistive / see table</td></tr> <tr><td>Max. switching frequency</td><td>5 Hz</td></tr> <tr><td>Potential bonding:</td><td></td></tr> <tr><td> antenna / supply</td><td>safe isolation</td></tr> <tr><td> supply / output</td><td>-</td></tr> <tr><td> channel / channel</td><td>-</td></tr> <tr><td>Fusing of loads</td><td>max. 16 A</td></tr> <tr><td>Ambient temperature</td><td>0 °C...+55 °C</td></tr> <tr><td>Storage temperature</td><td>-25 °C...+85 °C</td></tr> <tr><td>Relative humidity</td><td>85 % without condensation</td></tr> <tr><td>Pollution degree</td><td>2</td></tr> <tr><td>Degree of protection</td><td>IP 20</td></tr> <tr><td>Mounting position</td><td>optional</td></tr> <tr><td>Material of housing</td><td>PA 6.6 / UL94V0</td></tr> <tr><td>Dimensions (WxHxD)</td><td>(200x145x30) mm / (7.87x5.71x1.18) in</td></tr> <tr><td>Wire connection</td><td>pluggable WINSTA® connector</td></tr> <tr><td>Mounting</td><td>Surface mounting, screw fixing</td></tr> <tr><td>Approvals</td><td>KEMA, CB acc. to EN60669-2-1</td></tr> </table>	Supply voltage	AC 230, 50...60 Hz	Voltage range	± 10 %	Max. current consumption (int.)	21 mA	No. of channels	4	Max. sum of load	16 A	Type of load	resistive / see table	Max. switching frequency	5 Hz	Potential bonding:		antenna / supply	safe isolation	supply / output	-	channel / channel	-	Fusing of loads	max. 16 A	Ambient temperature	0 °C...+55 °C	Storage temperature	-25 °C...+85 °C	Relative humidity	85 % without condensation	Pollution degree	2	Degree of protection	IP 20	Mounting position	optional	Material of housing	PA 6.6 / UL94V0	Dimensions (WxHxD)	(200x145x30) mm / (7.87x5.71x1.18) in	Wire connection	pluggable WINSTA® connector	Mounting	Surface mounting, screw fixing	Approvals	KEMA, CB acc. to EN60669-2-1
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<p>Details for transmission range:</p> <p>The transmission ranges are mainly depending on mounting and positioning as well as type of material which is used in buildings. The type of used materials and thickness of walls have a main influence to the quality and the strength of radio data. It is recommended to make tests of data transmission at desired mounting positions before installation.</p> <p>Typical max. transmission ranges:</p> <ol style="list-style-type: none"> 1) Visual contacts: typ.30 m in passages, up to 100 m in halls 2) Rigypsum walls/ wood: typ.30 m range through max. 5 walls. 3) Brick wall /Gas concrete: typ.20 m range through max. 3 walls. 4) reinforceds concrete /-ceiling: typ.10 m range through max. 1 wall. <p>Supply blocks and lift shafts should be seen as a compartmentalisation.</p>														