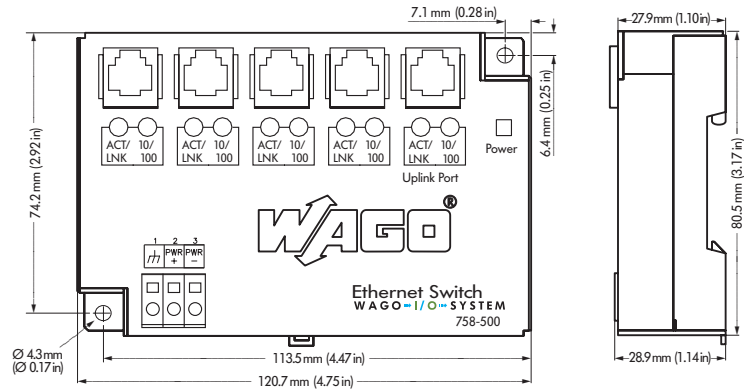


# ETHERNET TCP/IP

## Industrial ETHERNET Switch; 5 Port



Description	Item-No.	Pack.-unit pcs																																														
Industrial ETHERNET Switch, 5 Port	<b>758-500</b>	1																																														
<p>The WAGO Industrial ETHERNET Switch allows for easy installation of the ETHERNET network in factory environments. This rugged switch connects to any ETHERNET enabled device and provides many industrial features.</p> <ul style="list-style-type: none"> <li>• Deterministic control</li> <li>• An increase in network bandwidth</li> <li>• Uplink to 100 baseT Networks</li> <li>• Easy DIN Rail mounting</li> <li>• High reliability</li> <li>• Wide temperature range</li> <li>• Meets many industrial standards</li> </ul> <p>Unlike an ETHERNET hub, the ETHERNET switch does not broadcast messages to all ports. The ETHERNET switch remembers which device address is connected to each port and routes messages only to that device. This minimizes data collisions and increases network deterministic behavior.</p>	<p><b>Technical Data</b></p> <table border="1"> <tr><td>Number of ETHERNET ports</td><td>Five 10/100BaseT(x)</td></tr> <tr><td>5th ETHERNET port</td><td>Uplink (cross-wired) port</td></tr> <tr><td>ETHERNET protocols supported</td><td>All standard IEEE 802.3</td></tr> <tr><td>Broadcast storm protection</td><td>Yes</td></tr> <tr><td>Memory bandwidth</td><td>1.4 Gbps high performance</td></tr> <tr><td>Auto-sensing operation</td><td>Full and half duplex</td></tr> <tr><td>Auto-negotiating</td><td>10 BaseT and 100 BaseTx</td></tr> <tr><td>ETHERNET port type</td><td>Shielded RJ 45</td></tr> <tr><td>ETHERNET isolation</td><td>1200 V<sub>RMS</sub> 1 minute</td></tr> <tr><td>Required supply voltage</td><td>DC 10 ... 30 V</td></tr> <tr><td>Power consumption typ.</td><td>1.9 W</td></tr> <tr><td>Operating temperature range</td><td>-40 °C ... +85 °C</td></tr> <tr><td>Relative air humidity</td><td>5% ... 95% no condensation</td></tr> <tr><td>Flammability</td><td>UL 94V-0 materials</td></tr> <tr><td>Electrical safety</td><td>UL 508, CSA C22.1/14; EN 61010-1(IE1010), CE</td></tr> <tr><td>EMC Emissions</td><td>FCC part 15, ICES 003 Class A; EN 55022, CE</td></tr> <tr><td>EMC Immunity</td><td>EN 50082-1 (IEC 801-2, 3, 4), CE</td></tr> <tr><td>Surge withstand</td><td>IEEE-472 (ANSI C3790)</td></tr> <tr><td>Vibration</td><td>IEC 68-2-6</td></tr> <tr><td>Hazardous locations</td><td>UL 1604, CSA C22.2 / 213 (Class 1, Div. 2)</td></tr> <tr><td></td><td>Cenelec EN 50021 (Zone 2)</td></tr> <tr><td>Dimensions (mm) W x H x L</td><td>120.7 x 25* x 74.2</td></tr> <tr><td></td><td>* from upper edge of DIN 35 rail</td></tr> </table>	Number of ETHERNET ports	Five 10/100BaseT(x)	5th ETHERNET port	Uplink (cross-wired) port	ETHERNET protocols supported	All standard IEEE 802.3	Broadcast storm protection	Yes	Memory bandwidth	1.4 Gbps high performance	Auto-sensing operation	Full and half duplex	Auto-negotiating	10 BaseT and 100 BaseTx	ETHERNET port type	Shielded RJ 45	ETHERNET isolation	1200 V <sub>RMS</sub> 1 minute	Required supply voltage	DC 10 ... 30 V	Power consumption typ.	1.9 W	Operating temperature range	-40 °C ... +85 °C	Relative air humidity	5% ... 95% no condensation	Flammability	UL 94V-0 materials	Electrical safety	UL 508, CSA C22.1/14; EN 61010-1(IE1010), CE	EMC Emissions	FCC part 15, ICES 003 Class A; EN 55022, CE	EMC Immunity	EN 50082-1 (IEC 801-2, 3, 4), CE	Surge withstand	IEEE-472 (ANSI C3790)	Vibration	IEC 68-2-6	Hazardous locations	UL 1604, CSA C22.2 / 213 (Class 1, Div. 2)		Cenelec EN 50021 (Zone 2)	Dimensions (mm) W x H x L	120.7 x 25* x 74.2		* from upper edge of DIN 35 rail	
Number of ETHERNET ports	Five 10/100BaseT(x)																																															
5th ETHERNET port	Uplink (cross-wired) port																																															
ETHERNET protocols supported	All standard IEEE 802.3																																															
Broadcast storm protection	Yes																																															
Memory bandwidth	1.4 Gbps high performance																																															
Auto-sensing operation	Full and half duplex																																															
Auto-negotiating	10 BaseT and 100 BaseTx																																															
ETHERNET port type	Shielded RJ 45																																															
ETHERNET isolation	1200 V <sub>RMS</sub> 1 minute																																															
Required supply voltage	DC 10 ... 30 V																																															
Power consumption typ.	1.9 W																																															
Operating temperature range	-40 °C ... +85 °C																																															
Relative air humidity	5% ... 95% no condensation																																															
Flammability	UL 94V-0 materials																																															
Electrical safety	UL 508, CSA C22.1/14; EN 61010-1(IE1010), CE																																															
EMC Emissions	FCC part 15, ICES 003 Class A; EN 55022, CE																																															
EMC Immunity	EN 50082-1 (IEC 801-2, 3, 4), CE																																															
Surge withstand	IEEE-472 (ANSI C3790)																																															
Vibration	IEC 68-2-6																																															
Hazardous locations	UL 1604, CSA C22.2 / 213 (Class 1, Div. 2)																																															
	Cenelec EN 50021 (Zone 2)																																															
Dimensions (mm) W x H x L	120.7 x 25* x 74.2																																															
	* from upper edge of DIN 35 rail																																															