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**PSI-02 24V**  
**SIGNAL CENTER**  
**continuous -> pulse**



5 19 0 8 3 1 2 1 5 9 1 6 0 3

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**PURPOSE**

The PSI-02 converter serves to break up a control signal into single pulses required in automatic control systems.

**FUNCTIONING**

After the application of the control signal to the  $U_{st}$  input (leading edge), the converter generates a pulse on output 6 (contact 5-6 closed for 1 second). After the decay of the control signal (trailing edge), the converter sends another pulse on output 8 (joint 7-8 closed for 1 second).



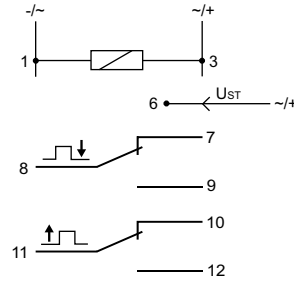
**ASSEMBLY**

1. Take OFF the power.
2. Put on the converter on the rail in the switchgearbox
3. Power supply connect to joints 1-3.
4. To input 6 connect controlling cable.
5. To joints 11-12 connect circuit which is control by first pulse.
6. To joints 8-9 connect circuit which is control by second pulse.

**TECHNICAL DATA**

supply	24V AC/DC
current load	2× [ $<8\text{A}$ ]
joint	2× separate 1P
control voltage	24V AC/DC
time of input signals	1sec
working temperature	-25+50°C
connection	screw terminals 2,5mm <sup>2</sup>
dimensions	1 module (18mm)
fixing	on rail TH-35

**WIRING DIAGRAM**



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