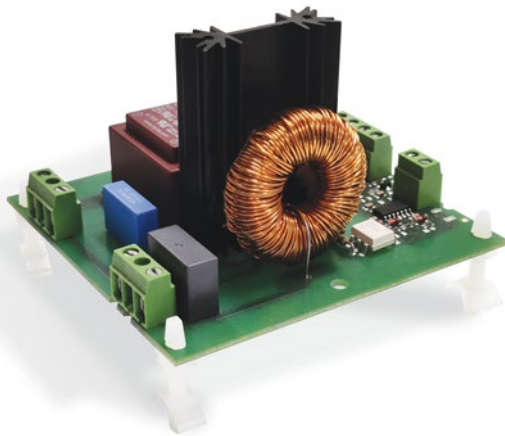


New fan speed controller XRPW500 with 3A TRIAC

PN 03/21 APRIL



Mounting
compatibility

Up to
3A

Dear Customer,

Emerson is pleased to announce the availability of the new fan speed module: the XRPW500 with 3A TRIAC allows the single-phase fan speed modulation using the phase-cut principle.

The new model completes the current range and modulates the fan speed with 3A (700W) maximum current absorption.

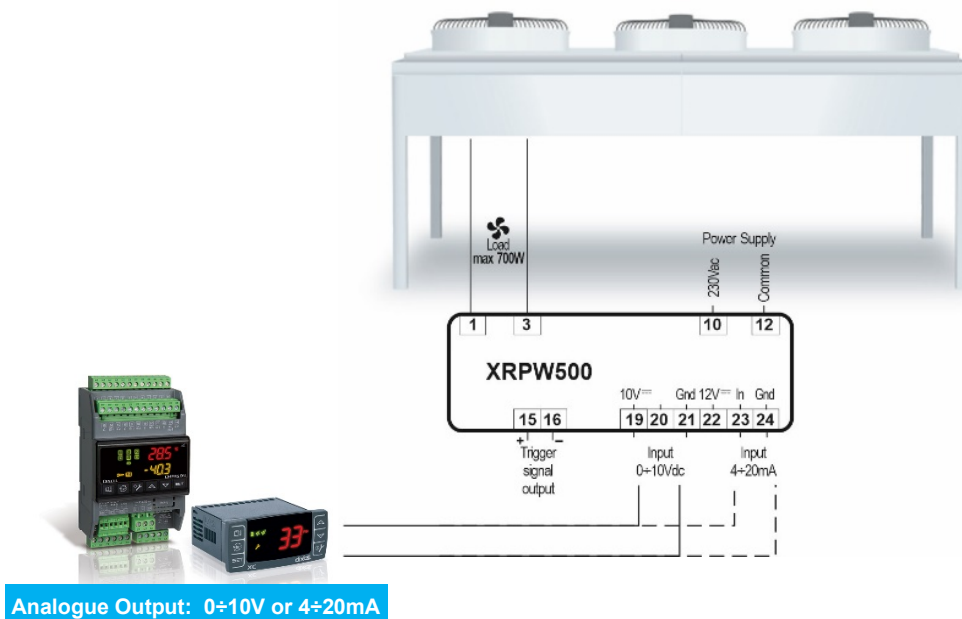
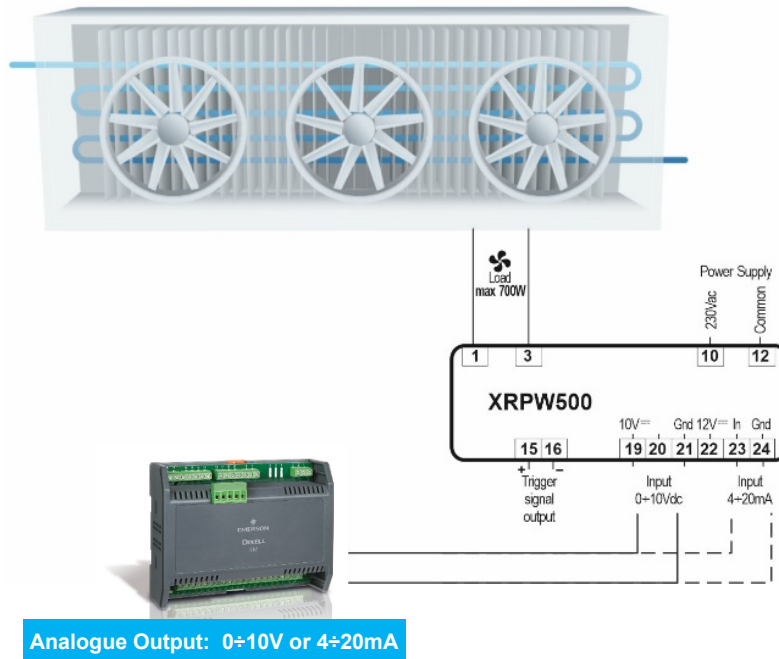
These regulators are compatible only with Dixell controllers on models with analogue output 0÷10V or 4÷20mA.

1. Applications

The XRPW500 is the ideal solution for single-phase fan speed regulation on small units. Combined with XC or XM family controllers, it allows the fan speed modulation depending on the machine working conditions (parameter settings, temperature/pressure of condensing/evaporating).

Please contact our Customer Support Team in order to understand which models are compatible with XRPW500 fan speed controllers.

2. Connections



3. Technical Data

Dimensions	86x90,1x72(h)mm - pin included
Input voltage and fan power supply	120Vac / 230Vac, -10% +15% 50/60Hz
Input signal	4÷20mA o 0÷10V
Maximum output current	3A max.
Input signal connector	Screw terminals (0.5÷2.5mm ² , 30÷12AWG)
Power supply connector and output signal	Faston 5 mm step 7.62mm
Operating temperature	0°C÷60°C (non-condensing)
Storage temperature	-30°C÷85°C (non-condensing)
Relative humidity	20%÷85% (non-condensing)
Degree of protection	IP00
Approvals	EN60730-1 (2016 Automatic electrical controls – Part 1: General requirements)

4. How to Order

XRPW500 – A 6 0 D 1

A	D
Power Supply	Regulation Input
5 = 230Vac	0 = 4÷20mA
4 = 110Vac	1 = 0÷10V

5. Prices

Please contact our sales department for prices and further information.

6. Availability and Orders

The XRPW500 controller is available; please contact our sales department for delivery time.