

Ventilation block UB0001V1 of Control System SandRA Z200 line

Ventilation block **UB0001V1** belongs to the process station **SandRA Z200 line** that represents an ideal and high-performance solution for control in the field of conventional power industry or industry. The **ZAT** Company has operated in the field of automation for more than **50 years** and it is a co-founder of the field of automation.

The ventilation block, with the help of **three high-performance fans**, ensures the need for an air circulation to cool the boards installed in the rack. The block contains circuits designed to evaluate and signal the power supply status and speed of the fans. **Redundant power supplies** can be used to power the entire block. The block also includes a connector for connecting of a module which serves as a concentrator of diagnostic data from the ventilation blocks of the system.



- Block dimensions 485 x 88.1 x 295 mm
- Fan operation diagnostics
- Fan speed measurement
- Redundant power supply
- Diagnostic LEDs on the front panel
- 3 high-performance fans



Mechanical Parameters and Weight

Parameter	Specifications	Min.	Type	Max.	Units
Height x width			88,1 x 485		mm
Depth			295		mm
Weight			4,2		kg
Flow rate	fitted rack	1			m/s

Electrical Parameters

Parameter	Specifications	Min.	Type	Max.	Units
Power supply		38	48	58	V
Consumption			0,4		mA

Parameters of output logical signal of terminal block X1 (opening OptoMOS relay)

Parameter	Specifications	Min.	Type	Max.	Units
Load current				2	A
Load voltage				80	V

Parameters of output logical signals of connector X2 (switching and opening OptoMOS relay)

Parameter	Specifications	Min.	Type	Max.	Units
Load current				0,1	A
Load voltage				250	V
Frequency range at the output of the fan to evaluate the fault condition			58	97	Hz

This document is applied to UB0001V1 product and follows up on the document "Technical conditions Z200" no. 4-5397 of which it has been an integral part.

