

General Specifications

X039
Power Supply Unit

JUXTA

GS X039-01EN

■ General

This power supply unit is used specially for nest of D Series signal conditioners. The units are of dual power supplies and of 24 V DC output for 85 to 132 V AC input. When one of two units becomes defective, another unit assists the defective unit.

Failure detecting alarm contact can be output when failure of power supply unit. Replacement of power supply unit can easily be made during power on because of its complete duplication.

■ Model

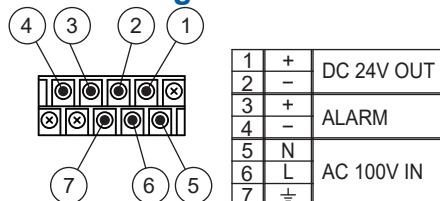
Model X039

■ Specifications

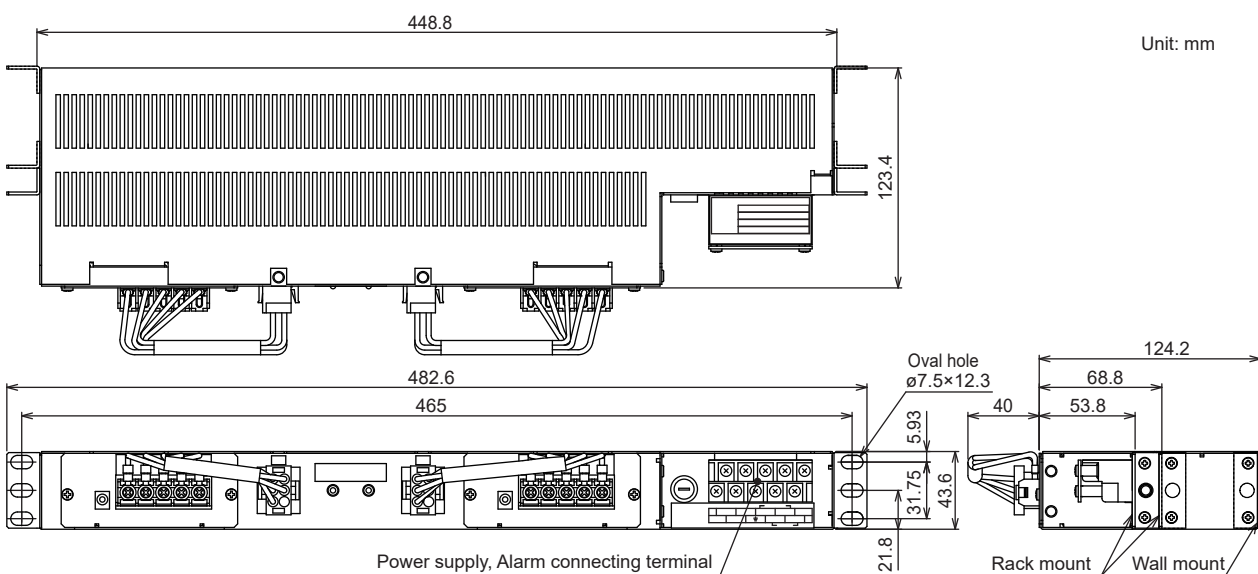
I/O Specifications	
Supply power voltage	85 to 132 V AC
Frequency	47 to 63 Hz
Input current	3.2 A (100 V AC)
Rush current	60 A max
Output rating voltage	24 V DC
Output rating current	2.0 A
Output rating variable limit	24 V DC \pm 10%
Overall output	50 W
Ripple voltage	340 mV p-p
Input fluctuation	Within 24 V DC \pm 0.8% (at 85 to 132 V AC)
Output fluctuation	Within 24 V DC \pm 0.9% (load 0 to 2.0 A at 100 V AC)

Alarm output	Under normal condition CLOSE, contact rating is less than 30 V DC 300 mA
Over current protection	Current limit by foldback control (automatic return)
Over voltage protection	Output cut-off circuit (return when re-input of power)
Standard Performance	
Insulation resistance	More than 50 MΩ (at 500 V DC) Input - Output - Alarm - Ground mutually
Withstand voltage	1500 V AC/1 min. between input and output, alarm, ground 500 V AC/1 min. between output and alarm, ground
Ambient temperature	0 to 50 °C
Ambient humidity	5 to 85 %RH(no condensation)
Mounting and Shape	
Color	Black
Mounting method	Rack mount, wall mount
Connecting method	Power supply (input/output), ground, alarm terminal, M4 screw terminal
Weight	Approx. 2kg
Accessories	
Bracket	2
Screw	4 (for bracket use)

■ Terminal Assignments



■ External Dimensions



Normal Allowable Deviation= ± (Value of JIS B 0401-2016 tolerance grade IT18) / 2