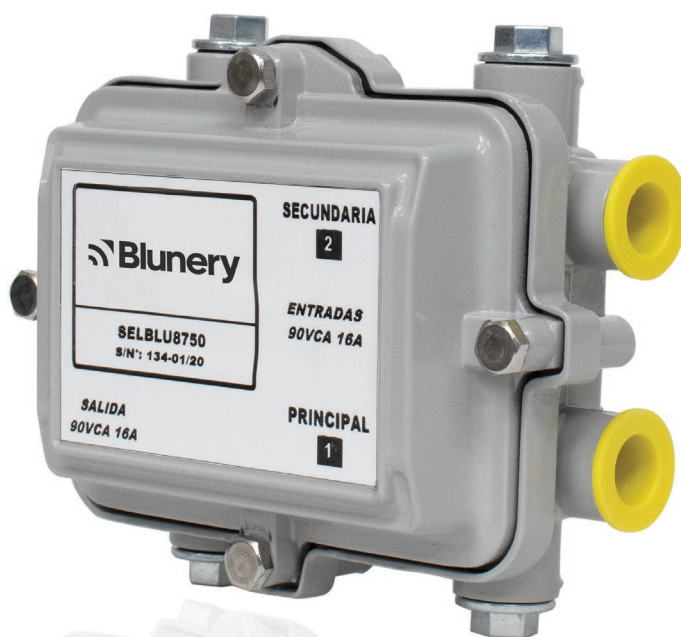


OUTDOOR POWER SUPPLIES SELECTOR 90VAC

SELBLU87 SERIES



Description

The series of intelligent power supplies selectors SELBLU87 of BLUNERY was designed to allow for redundancy at the time to power devices in HFC 90VAC networks. Two stand-by or ferroresonant power supplies can be connected to the selector SELBLU87 inputs, so the selector will provide 1+1 redundancy to the loads.

In case that the power supply connected to the main input shuts down, the selector will automatically transfer to the other power supply, ensuring an uninterrupted power to the load.

It is a low cost solution and an easy way to improve the network powering when it is fed from very unstable AC lines.

Main Features

- Transfer voltages have built-in hysteresis to avoid false triggering.
- Its nominal current is compatible with all the upto 1530VA standard power supplies in the market.
- Wide frequency range tolerance.
- Strong enclosure with IP67 protection.
- Quick and easy field deployment.

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SELBLU87 SERIES

SPECIFICATIONS

SPECIFICATIONS		SELBLU8750	SELBLU8760
ELECTRICAL			
MAIN			
Nominal Voltage [VCA]			90
Frequency [Hz]	45 - 55		57 - 63
Nominal Current [Amps]			16
Transfer Time Between Inputs [msec]			Typ 20
EXTENDED			
High Voltage Transfer [VCA]			95
Low Voltage Transfer [VCA]			70
Transfer Voltage Hysteresis [VCA]			5 - 7
Shut Down Voltage [VAC]			60
Power Consumption [W]			1
Transients Voltage Suppressor - Inputs [J]			35 @ 10 x 100us
OTHERS			
I/P-O/P Tap			M6
MECHANICAL			
Enclosure			Aluminium mold
Dimensions: H x W x D [mm/inches]			111 x 145 x 83 / 4.27 x 5.7 x 3.2
Weight [Grs/Lbs]			580 / 1.30
Ingress Protection Grade			IP67
Mounting			Steel rope
ENVIRONMETAL			
Working Temperature [°C/°F]			-35 to +55 / -31 to +131
Storage Temperature [°C/°F]			-45 to +70 / -49 to +158
Relative Humidity - Non Condensing [%]			<= 95
Altitude [masl]			<= 3000 (by design)

