

# STOCK RANGE OF 1PH AND 3PH 24V DC CONVENTIONAL SWITCHED-MODE DIN RAIL POWER SUPPLIES WITH SPECIAL OPTIONAL FUNCTIONS FROM 1.25A TO 40A

Competent COSMO conventional series.  
 High quality and high reliability.  
 Output current from 1.25A to 40A at 24V DC.  
 Single-phase and three-phase inputs.  
 Overload indicator.  
 Safety standards to IEC 950, EN 60950, and VDE 0805.  
 RFI suppression to EN 55011 / EN 5022 Class B.  
 Noise immunity to EN 50082-1/2.



149001-51101

The Competent COSMO conventional 24V DC range offers high specification power supplies with proven reliability. This series has been extensively used throughout the world and has a proven track record for long term reliability and high quality. Units are available from 1.25A to 40A at 24V DC and are offered with both single-phase or three-phase inputs. RFI suppression is to EN 55011 / EN 5022 Class B and noise immunity is to EN 50082-1/2. The units are fully protected against overload and short circuit and are in accordance with IEC 950, EN 60950, and VDE 0805 safety requirements. All units have an inbuilt 'power on' indicator and are DIN rail mountable.

Reference	Input Range (47-63 Hz)	Output Voltage and Current	D (mm)	W (mm)	H (mm)	Weight (kg)	Typical Efficiency	Output Adjustment Range	Terminations
GF 149002-21003	105~250V AC 1ph	24V DC 1.25A	105.0	91.0	74.0	0.25	85%	23.3~24.7V DC	Screw clamp
GF 149001-41001	94~265V AC 1ph	24V DC 2.50A	65.0	108.0	123.0	0.60	86%	23.0~27.0V DC	Screw plug
GF 149001-51051	94~265V AC 1ph	24V DC 5.00A	86.0	147.0	123.0	0.80	86%	23.0~27.0V DC (27.0V DC max. 4.4A)	Screw plug
GF 149001-51101	97~132V AC / 195~265V AC 1ph	24V DC 10.00A	86.0	205.0	123.0	1.20	89%	23.0~27.0V DC (27.0V DC max. 8.8A)	Screw plug
GF 149001-61101	340~550V AC 3ph	24V DC 20.00A	86.0	240.0	153.0	1.90	90%	23.0~27.0V DC	Screw plug
GF 149001-61103	195~265V AC 1ph	24V DC 20.00A	86.0	240.0	153.0	1.90	88%	23.0~27.0V DC (27.0V DC max. 17.7A)	Screw plug
GF 149001-71001	342~550V AC 3ph	24V DC 40.00A (80.00A for 2 secs)	127.5	202.0	132.0	2.50	93%	22.5~27.5V DC	Screw plug + cage clamp
GF 149001-71101	340~550V AC 3ph	24V DC 40.00A	130.0	292.0	195.0	3.60	90%	23.0~27.0V DC	Screw plug