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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

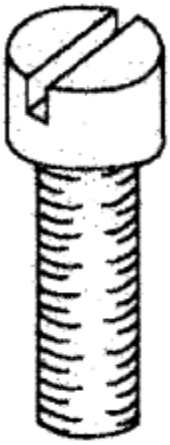
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Find the *Phoenix Contact CM 90-PS-230AC/24 DC/2* at our website: *Click HERE*

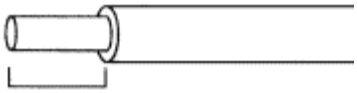
CM 90-PS-…AC/24 DC/2



Input: 120 V AC or 230 V AC
Output: 24 V DC/2 A
Housing width 90



M 2.5



8

	(IEC) [mm²]	rigid solid	flexible stranded	AWG
Connection data		0.2-2.5	0.2-2.5	24-14

Reliable isolation acc. to DIN VDE 0106-101

H A C (UL/CSA only 120 AC) F (GL only 230 AC)

Description	Type	Order No.	Pcs. Pkt.
Compact power supply unit, common mode	**CM 90-PS-120 AC/24 DC/2**	**29 41 24 8**	1
	CM 90-PS-230 AC/24 DC/2	**29 43 70 9**	1
Accessories			
Output fuse, (5x20 mm) acc. to IEC 127-2/EN 60127-2 2 A fast	**CM-SI-2AF**	**29 39 02 7**	10

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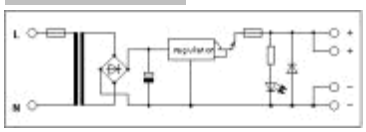
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Technical data		CM 90-PS-120 AC/…	CM 90-PS-230 AC/…
Dimensions			
Height	[mm]	146	
Length	[mm]	75	
Width	[mm]	90	
Input			
Input voltage +6% -10%		120 V AC	230 V AC
Frequency		50 Hz/60 Hz	50 Hz/60 Hz
Power consumption with rated load		approx. 80 VA	approx. 80 VA
Input fuse		2.5 A slow blow	0.8 A slow blow
Output			
Output voltage		24 V DC ± 1 %	24 V DC ± 1 %
Output continuous current [2])		2 A	2 A
Residual ripple at U_N		≤ 60 mV_{pp}	≤ 60 mV_{pp}
Output fuse (5x20 mm) acc. to IEC 127-2/EN 60127-2		2 A fast,	2 A fast,
Output protective circuit		damping diode, varistor	damping diode, varistor
General data			
Test voltage input/output		4 kV, 50 Hz, 1 min.	
Ambient temperature range		-20 °C to +60 °C	
Rated operating mode		100% ED	
Standards/regulations		IEC 664/IEC 664A/DIN VDE 0110-1:1989-01	
		DIN VDE 0551, UL 1012 [2]) , UL 1950 [2])	
Electromagnetic compatibility		CE - in conformance with EMC guideline 89/336/EEC	
• Emitted interference		EN 50 081-2	
• Immunity		EN 50 082-2	
Installation position		on horizontal mounting rails,	
		venting slots top and bottom	
Type of connection		screw connection	
Mounting		in rows w/spacing ≥ 10 mm	
Type of protection in acc. with IEC 529/EN 60529/DIN VDE 0470		IP 20	
Weight		2.5 kg	

[1]) **See derating curve!**

[2]) **Only 120 AC variants!**

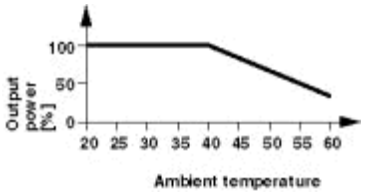
Block diagram



Diagram

Linear controlled power supply

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