



## Industrial Power supplies Serial HARTING pCon 2000

for centralised power supply  
in control cabinets with degree of protection IP 20

### General Description

The power supplies of the product family HARTING pCon 2000 are designed for power supply solutions for control units, Ethernet and other automation components. With their wide range of input voltage, the units are suitable for world-wide use.

The quick connection technique guarantees easy installation.

### Features

- Wide range input for world-wide use
- Active PFC
- High efficiency of up to 92 %
- Easy installation and toolless connection
- Range of operating temperature of up to 70 °C without derating

### Advantages

- Wide operating temperature range
- Compact design and high power density
- Proof against sustained short-circuits, overloads and no-load operation
- International approvals
- Protection class II (no earth connection necessary)
- Proof against dynamic overload (150% rated current for up to 2.5 seconds)

### Application fields

- Industrial automation
- Automotive industry
- Power generation and distribution



**Industrial Power supply**  
**HARTING pCon 2060-24**  
 for centralised power supply in control cabinets  
 with degree of protection IP 20

2x spring-type terminals	IP 20	24 V DC	60 W
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Input		Output	
Rated voltage	100 to 240 V AC (Wide range input)	Output voltage	24 V DC $\pm$ 1% (setting range 23 - 29 V)
Input voltage range	85 to 264 V AC (100 to 375 V DC)	Output current	2.5 A
Input rated current	< 0.7 A at 230 V < 1.3 A at 100 V	Max. output power	60 W
Input current	< 40 A (active limiting)	Main buffering time	> 100 ms (at 230 V AC) > 15 ms (at 115 V AC)
Input frequency	47 to 63 Hz	Remaining ripple	< 40 mVss (at rated values)
Input fuse	internal T 4 A	Sensibility	< 2%
Recommended backup fuse	B 16 A (EN 60 898)	Protection function	Proof against sustained short-circuits, overloads and no-load operation
Protection class	II (no earth connection necessary)	Overload behavior	Limiting current 2.7 A (static) / 5.0 A (dynamic)
		Output voltage indication	LED Green
<b>General data</b>			
Termination Power / Load	Spring-type terminal 0.3 - 2.5 mm <sup>2</sup> / AWG 28 - 12 (solid) / 0.3 - 4 mm <sup>2</sup> / AWG 28 - 12 (stranded)		
Product standards	EN 60 950 (SELV)	Efficiency	91.5% (230 V) / 90% (115 V)
Approvals	CE, GS, cCSA <sub>US</sub> (UL 60 950, UL 508)	Weight	approx. 250 g

Identification	Part number	Drawing	Dimensions in mm
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<b>HARTING pCon 2060-24</b> Industrial Power supply for mounting onto 35 mm top-hat mounting rail according to DIN EN 60 715	20 80 000 3121		
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**Industrial Power supply**  
**HARTING pCon 2060-48**  
 for centralised power supply in control cabinets  
 with degree of protection IP 20

2x spring-type terminals	IP 20	48 V DC	60 W
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Input		Output	
Rated voltage	100 to 240 V AC (Wide range input)	Output voltage	48 V DC $\pm$ 1% (setting range 48 - 52 V)
Input voltage range	85 to 264 V AC (100 to 375 V DC)	Output current	1.25 A
Input rated current	< 0.7 A at 230 V < 1.3 A at 100 V	Max. output power	60 W
Input current	< 40 A (active limiting)	Main buffering time	> 100 ms (at 230 V AC) > 15 ms (at 115 V AC)
Input frequency	47 to 63 Hz	Remaining ripple	< 40 mV <sub>SS</sub> (at rated values)
Input fuse	internal T 4 A	Sensibility	< 2%
Recommended backup fuse	B 16 A (EN 60 898)	Protection function	Proof against sustained short-circuits, overloads and no-load operation
Protection class	II (no earth connection necessary)	Overload behavior	Limiting current 1.5 A (static) / 2.5 A (dynamic)
		Output voltage indication	LED Green
<b>General data</b>			
Termination Power / Load	Spring-type terminal 0.3 - 2.5 mm <sup>2</sup> / AWG 28 - 12 (solid) / 0.3 - 4 mm <sup>2</sup> / AWG 28 - 12 (stranded)		
Product standards	EN 60 950 (SELV)	Efficiency	92% (230 V) / 90% (115 V)
Approvals	CE, GS, cCSA <sub>US</sub> (UL 60 950, UL 508)	Weight	approx. 250 g

Identification	Part number	Drawing	Dimensions in mm
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<p><b>HARTING pCon 2060-48</b></p> <p>Industrial Power supply for mounting onto 35 mm top-hat mounting rail according to DIN EN 60 715</p>	<p>20 80 000 3122</p>		
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