

Power supply units CACN



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
Type codes

		CACN	-	3 A	-	1	-	10
Type								
CACN	Power supply unit							
Nominal input voltage								
3 A	230 V AC/50-60 Hz							
11 A	400 V AC							
Nominal output voltage								
1	24 DCV							
7	48 DCV							
Nominal output current								
5	5 A							
10	10 A							
20	20 A							

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Technical data

FESTO

 Voltage
24 ... 48 V DC



General technical data						
Type		CACN-3A-1-5	CACN-3A-1-10	CACN-3A-7-5	CACN-3A-7-10	CACN-11A-7-20
Electric						
Input voltage range	[V AC]	100 ... 240				400 ... 500
Input current	[A]	0.9 ... 1.65	1.5 ... 3	2.2 ... 1.2	5.1 ... 2.3	2.3 ... 1.9
Nominal output voltage	[V DC]	24		48		
Nominal output current	[A]	5	10	5	10	20
Mains frequency	[Hz]	45 ... 65				
Power failure buffering	[ms]	110	24	50	50	50
Primary supply		Single-phase				3-phase
Mechanical						
Type of mounting		Via H-rail				
Mounting position		Free convection				
Product weight	[g]	600	1,554	1,240	2,800	3,500

Operating and environmental conditions		
Ambient temperature	[°C]	-25 ... +70
Storage temperature	[°C]	-40 ... +85
Degree of protection		IP20
Relative air humidity	[%]	95
CE marking (see declaration of conformity)		To EU EMC Directive ²⁾
		To EU Low Voltage Directive
Certification		c UL us - listed (OL)
		C-Tick
Note on materials		Contains PWIS (paint-wetting impairment substances)
		RoHS-compliant

2) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com → Support → User documentation.
If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures to reduce the emitted interference may be necessary.

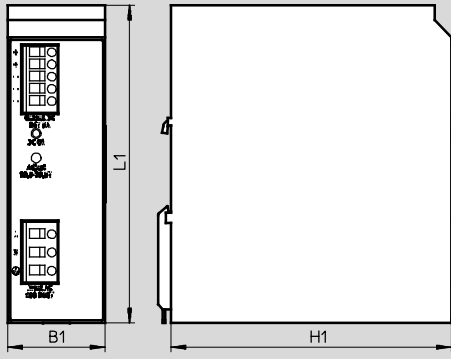
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Technical data

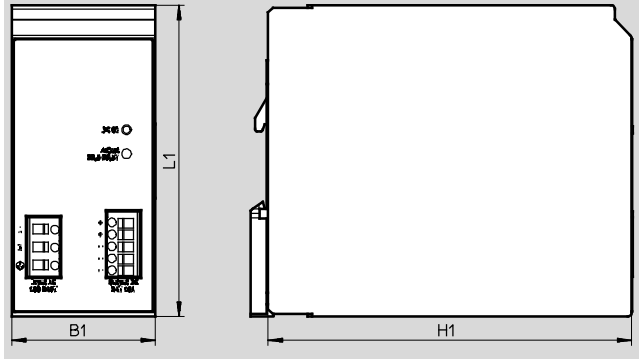
Dimensions

Download CAD data → www.festo.com

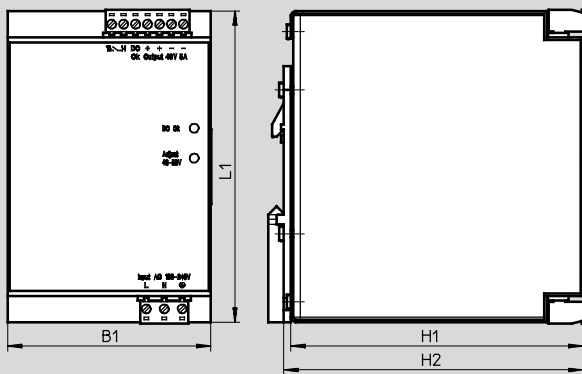
CACN-3A-1-5



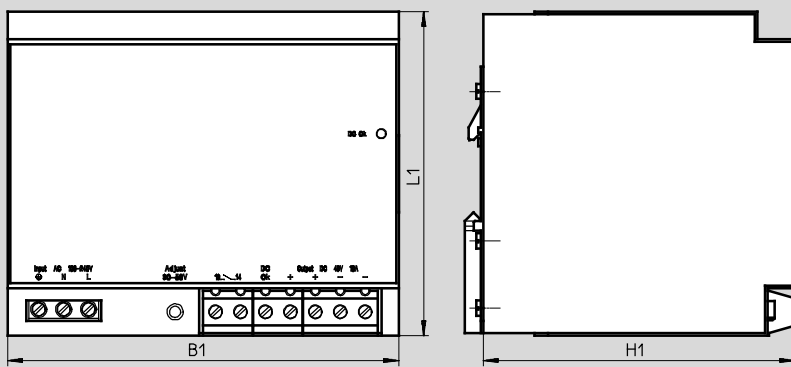
CACN-3A-1-10



CACN-3A-7-5



CACN-3A-7-10



Type	B1	H1	H2	L1
CACN-3A-1-5	40	115	-	130
CACN-3A-1-10	60	152	-	130
CACN-3A-7-5	85	122	125	130
CACN-3A-7-10	157	125	-	130

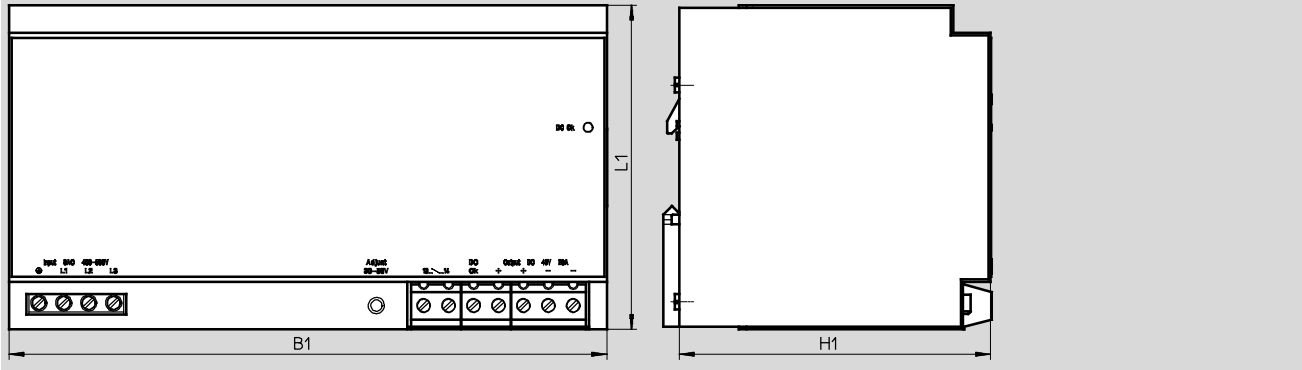
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Technical data

Dimensions

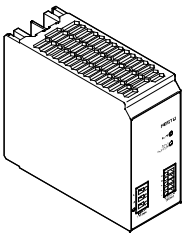
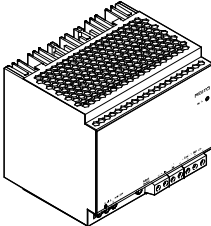
Download CAD data → www.festo.com

CACN-11A-7-20



Type	B1	H1	L1
CACN-11A-7-20	240	125	130

Ordering data

	Nominal output voltage [V DC]	Nominal output current [A]	Part No.	Type
	24	5	2247681	CACN-3A-1-5
		10	2247682	CACN-3A-1-10
	48	5	2247683	CACN-3A-7-5
		10	2247684	CACN-3A-7-10
		20	2247685	CACN-11A-7-20