

COMPETENT CHAMAELEO Primary Switched-Mode Regulator



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AS-INTERFACE PRIMARY SWITCHED-MODE REGULATOR 30.5 V / 4 A

120 W – DIN rail power supply

AS-interfaces enter the next dimension

Industry 4.0 is on the advance – and taking production, automation and control to the next dimension, followed by AS-interfaces. Here, too, we're seeing a generational change – from ASi-3 to ASi-5. With improved reliability, better cost-effectiveness and larger data width. What's more, our new ASi-5 SNTs feature backward compatibility thanks to their factory-integrated ASi-5 and ASi-3 filters. For maximum flexibility and versatility.



Individuality is standard for us

In addition to our standard SNTs, we develop custom solutions in close cooperation with our clients and partners. We operate both as an ODM and an OEM, supplying either individual components or finished devices. For self-testing and self-marketing. So that your products and production are also Industry 4.0-compatible. Now and tomorrow!

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120 W – DIN rail power supply

- Wide input range 100 – 240 VAC / 50 – 60 Hz
- Safety according to IEC / EN 60950-1 / IEC EN 62368-1
- Output voltage range 30.5 VDC
- Output current 0 – 4 A
- RFI suppression according to EN 55011 class B
- Noise immunity according to EN 61000-4-4, -4-5, -4-6
- Active PFC according to EN 61000-3-2 class A
- Protected against continuous short circuit and off-load operation
- Vertical mounted on DIN rail
- Housing width only 48 mm
- Integrated ASi-3 and ASi-5 filter (preliminary)
- Connection via push-in spring terminals
- Replaceable internal fuse 4.5 A
- Weight approx. 0.65 kg
- ODM (Original Design Manufacturer) services available



Technical data	
Input	
Nominal voltage	100 – 240 VAC 50 – 60 Hz
Input voltage range	92 – 265 VAC
Nominal input current	0.65 A at 230 VAC / 1.2 A at 120 VAC
Switch on surge current/ inrush current	< 32 A
Fuse	T 3, 4.5 A
Power factor Lambda	0.9 capacitive at 230 VAC
PFC standards	EN 61000-3-2 class A
IP code	IP 20
Output	
Output voltage	30.5 VDC
Output current	0 – 4 A
Ripple	< 50 mV _{pp}
Current limitation, typical	4.5 A
Efficiency, typical	91 %
Hold-up time	> 4 ms at U _{in} / 230 VAC

Ordering data	
Part no.	Ordering text
149001-51074	ASi-Interface Primary-switched-mode regulator ASi-5 4 A

Dimensions [mm]	
W x H x L	48 x 133 x 124

