

DIP 116

Automatic DIPs transformer

IEC / EN 61000-4-11, IEC / EN 61000-4-29

- Single-phase transformer
- Maximum input voltage on L-N:
264 V AC @ 50/60 Hz
- Max. input current:
16 A AC continuous (100%)
- Automatic control



**For AXOS devices from
HAEFELY.**



Overview

The DIP 116 is an automatic dips single phase transformer and can be used to simulate power supply failures as voltage interrupts, designed as the accessory compatible with AXOS 5 / AXOS 8.

Voltage dips and short interruptions are caused by faults in the network, primarily short circuits, in installations or by sudden large changes of load. In certain cases, two or more consecutive dips or interruptions may occur. Voltage variations are caused by continuously varying loads connected to the network.

The DIP 116 has an independent connection to an external power supply via banana plugs. Once the setup is done it can be fully automatically controlled through the touch screen of the AXOS 5 / AXOS 8 when being in the menu field of the "Voltage Dips".

Once detected, the recommended dip percent value (given by standard) can be programmed in the AXOS menu.

Key facts

- Interrupt levels: (0%, 40%, 70%, 80%) from Vin
- DIP 116 with AXOS 5 / AXOS 8 to easily perform pre-compliance evaluation or certification testing for AC (only) dips and interrupts.
- Application: IEC/EN 61000-4-11: AC dips and interrupts
- Class 1 ~ Class 3 (Preferred test levels and durations for voltage dips and short interruptions).



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Technical data

DIP 116			
Mains Power Supply	Powered by AXOS 5 / AXOS 8	Dimensions (W x D x H)	450 x 490 x 140 mm (17.7 x 19.3 x 5.5 in)
Max. Input Current	16 A AC continuous (100%) 20 A for 5 s 40 A for 3 s 500 A inrush current	Rack Size	19 in / 3 HU – 5.25 in (133.35 mm)
Switch Time (100 Ω)	1 μs - 5 μs	Weight	21 kg (46.3 lb)

Options

No. 2490400	AXOS 5	Compact
No. 2490800	AXOS 8	Compact

Scope of delivery

DIP 116 module (No. 2490410)
Bonding cable (blue / black / yellow/green / purple), 0.25 m
D-Sub 37p cable 1 m
Earth bonding cable, 1 m
Calibration certificate

All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes. 160923

