

DIP 116

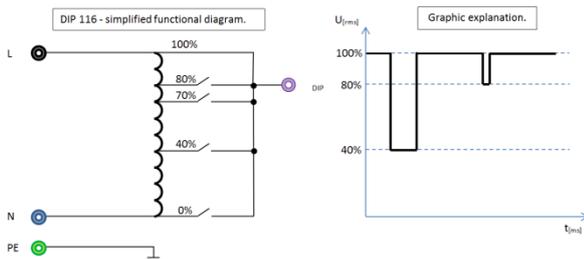
Automatic Dips Transformer 16A for 0/40/70/80[%] - (for AXOS⁵ / AXOS⁸)

■ 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** 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 AXOS⁵/AXOS⁸.

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 AXOS⁵/AXOS⁸ 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.



FEATURES

- Max. input voltage on L-N:**
264 V AC @ 50/60 [Hz]
- Max. input current**
16 A AC continuous (100%)
- Interrupt dip levels:**
(0%, 40%, 70%, 80%) of Vin
- Automatic control**

BENEFITS

- Plug and play DIP 116 with Haefely AXOS⁵ / AXOS⁸
- Interconnects cables included

APPLICATIONS

DIP 116 with AXOS⁵/AXOS⁸ to easily do your pre-compliance evaluation or certification testing for AC (only) Dips and Interrupts.

- IEC/EN 61000-4-11: AC Dips and Interrupts
Class 1 ~ Class 3 (Preferred test levels and durations for voltage dips and for short interruptions)

TECHNICAL SPECIFICATIONS

Mains Power Supply	Power by AXOS ⁵ /AXOS ⁸
Dimensions (WxHxD)	(45 x 14 x 49)cm
Rack size	19" / 3HU -- 5.25" (133.35mm)
Weight	21 kg net weight (46.3 lbs)
Max. input Current:	16A AC continuous (100%)
	20A for 5s
	40A for 3s
	500A Inrush Current

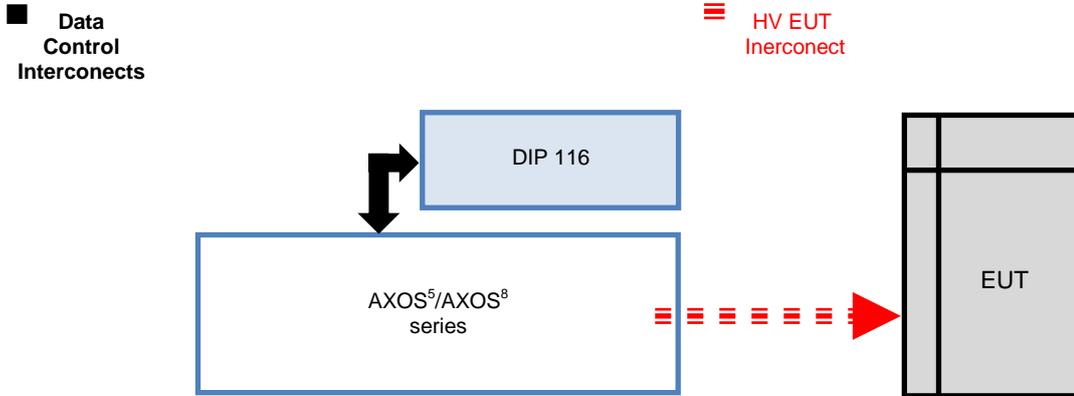
SCOPE OF SUPPLY - DIP 116 ART. NO. 2490410

Qty. 1	DIP 116 Module	Qty. 1	Test Certificate
Qty. 1	Blue bonding cable 0.25m	Qty. 1	Purple bonding cable 0.25m
Qty. 1	Black bonding cable 0.25m	Qty. 1	Earth bonding cable 1m
Qty. 1	Yellow/Green bonding cable 0.25m	Qty. 1	D-sub 37p cable 1m

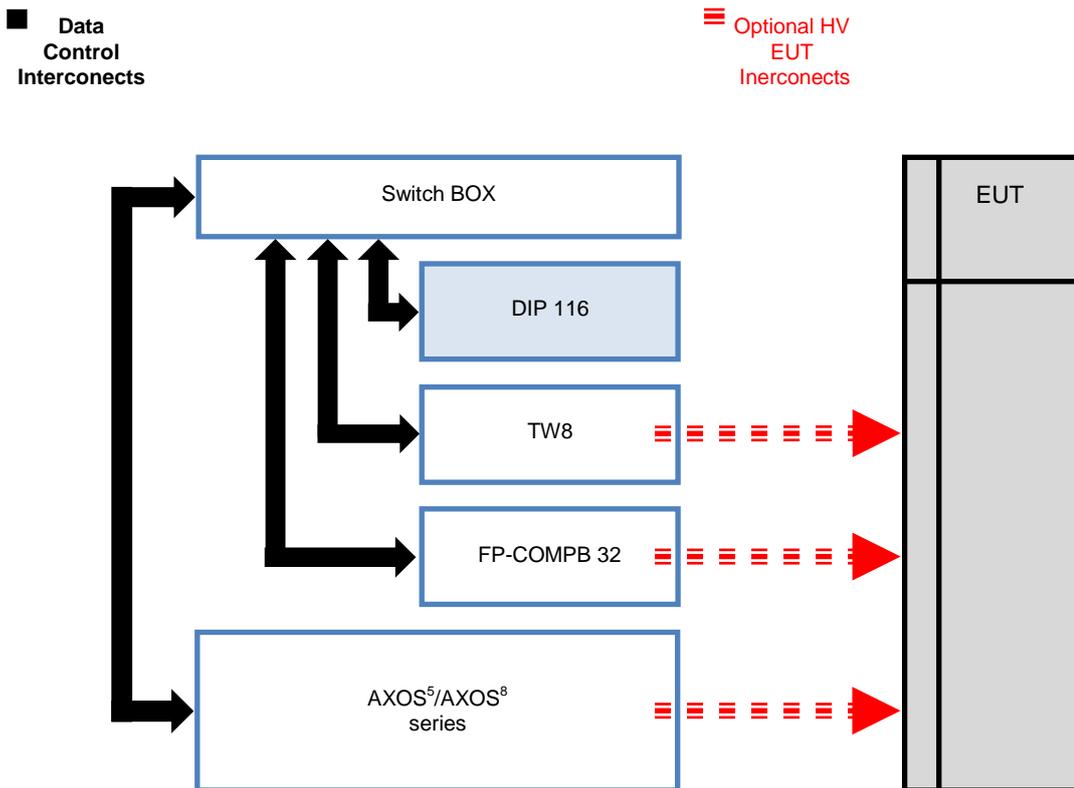
RELATED PRODUCTS

AXOS⁵ a brand of AXOS⁸

Block Diagram – Interconnects of DIP116 device & AXOS series



Block Diagram – Interconnects of Haefely devices & AXOS series & Switch BOX



OFFICES:

Europe
Haefely Test AG
Birsstrasse 300
4052 Basel
Switzerland
☎ + 41 61 373 4111
📠 + 41 61 373 4912
✉ sales@haefely.com

China
Haefely Test AG Representative Beijing Office
8-1-602, Fortune Street
No. 67, Chaoyang Road, Chaoyang District
Beijing, China 100025
☎ + 86 10 8578 8099
📠 + 86 10 8578 9908
✉ sales@haefely.com.cn

North America
Hipotronics, Inc.
1650 Route 22 N
Brewster, NY 10509
United States
☎ + 1 845 279 3644
📠 + 1 845 279 2467
✉ sales@hipotronics.com