

- ☑ Universal input voltage range 100-265V~50/60Hz
- ☑ Passive PoE 1Gb with overvoltage protection
- ☑ Industrial reliability, temperature range of -25°C to +60°C
- ☑ Galvanic isolation 4kV AC to DC
- ☑ Long life design
- ☑ Mounting type: DIN (19")
- ☑ Standards: EN 60950, EN 55022, EN 61000-3-2



Power supplies of ALC01.H 5501 PoE and ALC03.H 55015 PoE are used to supply devices with passive PoE (1Gbps) with 55.2V and output power up to 83W. The LAN input as well as PoE output are overvoltage protected. The unit allows operation in industrial environments of -25°C to +60°C ambient temperature. The design uses components with long life durability. Class D surge protection, short circuit protection and galvanically isolated output are some of main features of the ALC01 PoE and ALC03 PoE power supplies.

The LED „Vout“ on the front panel indicates the output voltage. The LED „MODE“ indicates the operation in mode A, B or A+B. To set a mode is possible via jumpers on the right side of the case.

Model specification:

- ALC01.H 5501 PoE – H = DIN rail mounting, 55 = output voltage 55.2V, 01 = output current 0.9A.
- ALC03.H 55015 PoE – H = DIN rail mounting, 55 = output voltage 55.2V, 015 = output current 1.5A.

The device is designed to DIN-Rail mounting (Top hat type 35mm). The LAN input and PoE outputs are on the front panel. Using a kit - Part. No. IP0000.000.04 is possible to mount the device into 19"racks.

MODEL SPECIFICATION	ALC01.H 5501 PoE	ALC03.H 55015 PoE
Input voltage	100-240V±10%~50/60Hz	230V~50Hz±10%~50Hz
Output voltage	55.2V(0.9A)	55.2V(1.5A)
Output power	50W	83W
Dielectric strength input/output	4kV	4kV
Operating temperature	-25°C - +60°C	-25°C - +60°C
Local signaling	LED „Vout“ – power supply operation  LED „MODE“ green – Mode „A“ - PoE red – Mode „B“ - PoE orange – Mode „A+B“ - PoE	LED „Vout“ – power supply operation  LED „MODE“ green – Mode „A“ - PoE red – Mode „B“ - PoE orange – Mode „A+B“ - PoE
Efficiency	91%	90%
Output voltage ripple	100mV	250mV
Short circuit resistance	0.9A	1.5A
Output voltage stability	4%	1%
Mounting	DIN, 19"	DIN, 19"
Dimensions W x H x D (mm)	91x90x68	124x90x68
Weight	0,33 kg	0,5 kg
Degree of protection	IP20	IP20
Part No.	IP.2121.633.55	IP.2131.633.59