



24V REMOTE-SENSING

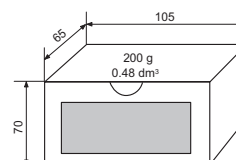
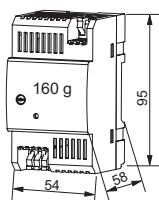
ALE2401

- PRECISE** : Output ripple < 3mV rms.
- Remote sensing to overcome voltage drop in the power lines.
- PRACTICAL** : Output voltage adjustable from 20 to 30V.
- Spring terminal block.
- PROTECTED** : Short circuit protection.
- EASY** : Direct DIN rail or panel mounting.



30 WATTS

24V (Adj. 20 to 30V)
1,25A



Specifications

Voltage

- Floating outputs on spring terminal block for 2,5mm² (AWG12) wires
- Output voltage : adjustable from. 20 to 30V.
- Regulation : <20mV for a load change from. 0 to 100%
5mV for a line change from. 190 to 253V
- Ripple : < 3mV rms including :
3mV peak to peak of the signal at 65KHz
< 4mV peak to peak of the signal at 100KHz
< 20mV peak to peak of switching spikes
- Hold-up time : 50ms at full load (230V line input)
- Indicator : green power-on LED indicator

Current

- Max I : 1,5 at 20V
1,25A at 24V
1A at 30V

Power

- Max output power : 30W

Protections

- Against short-circuits by circuit breaker with automatic reset
- Against transients on the primary circuit by varistor
- Against overcurrent on primary circuit by fuse

Remote sensing

- Correction of the voltage drop in the wires (4 wires method)
- Input on disconnect scribe terminal blocks for 2,5mm² wires (AWG12)
- Correction : Max 3V (1,5V per wire)
- Ripple : <30mV for a load change from. 0 to max.

Other specifications

- Safety : Class II, Safety Extra Low Voltage (SELV) output complies with EN60950
- EMC : complies with EN 61000-6-2 and EN 61000-6-4
- Protection level : IP30
- Operating temperature : from. -25°C to +70°C
Derating : 1W/°C from. +55°C
- Input voltage : 190 to 264V, 50-60Hz
- Mains input : disconnect scribe terminal blocks for 2,5mm² wires (AWG12)
- Power consumption : max 34,5W
- Dielectric strength : 3000V from. Input to output
- Presentation : polycarbonate modular case (3 modules) screenprinted
- Dimension : 54 x 95 x 58mm (lxhxp)
- Mounting : Clipspackage integrated in modular case for DIN rail profile 35x7,5mm or 35x15mm
removable wall mounting integrated case to the 4mm screws

