

TECHNICAL DATA SHEET

Duco Power Adapter 230VAC-24VDC/20W

The Power Adapter 230VAC-24VDC/20W is the solution to power Duco Wired components from a 230V socket.

The sum of the peak power of all connected DUCO components can be 20W at most when using one Power Supply.



Properties

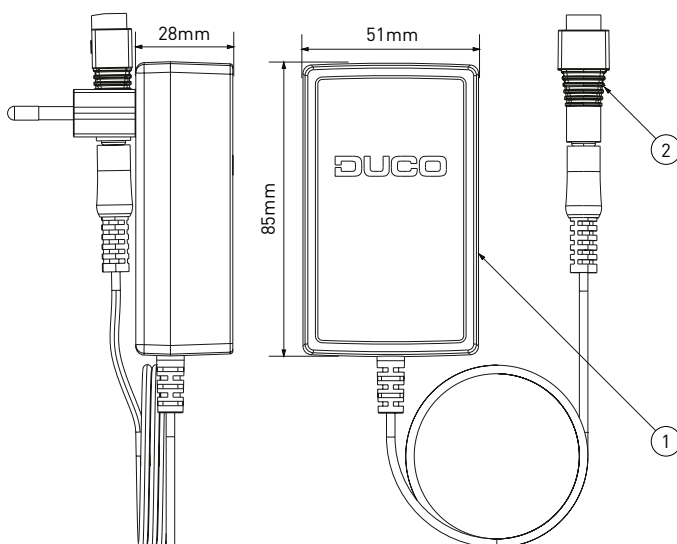
GENERAL SPECIFICATIONS	
Article number:	0000-4762
Input:	90-264VAC
Output (nominal):	24V
Electric current:	830 mA
Power:	20W
Ripple and noise:	240mVpk-pk
Voltage tolerance	+/- 5%
Efficiency (average):	88,3%
Start-up delay	≤ 3s
Dimensions (LxWxH):	85 x 51 x 28 mm
Weight:	155g
Mean time between failures (MTBF):	>100000h MIL-HDBK-217F@25°C

INPUT SPECIFICATIONS	
Input voltage range:	90-264VAC
Frequency range:	47-63Hz
Input current:	0,5A@90VAC
Inrush current:	100A max @240VAC cold start
Touch leakage current:	≤100φA@264VAC

MECHANICAL DETAILS	
DC cable length:	1,5m
DC connection:	Power plug with male outlet + female connector with screw connection

ENVIRONMENTAL SPECIFICATIONS	
Operating temperature:	0 to +45°C
Storage temperature:	-20 to +60°C
Operating humidity:	10 to 90% RH, no condensation allowed
Storage humidity:	5 to 90% RH
Operational altitude:	Up to 5000m

PROTECTION	
Overload	110 to 200% of rated output power, auto recovery
Over-voltage:	120 to 150% of rated output voltage; if activated: pull out the adapter and plug it back in
Short-circuit:	Trip and restart (hiccup mode)



LEGEND	
①	Power adapter 230VAC-24VDC/20W
②	Female DC coupling with screw connection