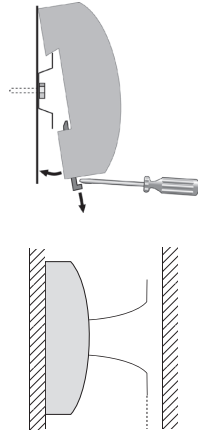


# ANIMEO 4.5DC POWER SUPPLY 230V AC/24V DC

SOLUTIONS FOR BIOCLIMATIC FAÇADES



PN 1860093

## Functional description

24V DC/4.5 A switching power supply specially developed to suit the power supply requirements of the Sonesse® 30, LW/LV and LT28 24V DC Somfy motor ranges.

Fully protected at outputs, the Animeo 4.5 DC power supply requires minimum installation times thanks to its quick operation spring load connectors and protection covers, which prevent inputs and outputs from direct exposure to dust.

Extra features include: front power-on LED indicator, surface or DIN rail mounting, doubled inputs and outputs plus no need of earth connection (Class II device).

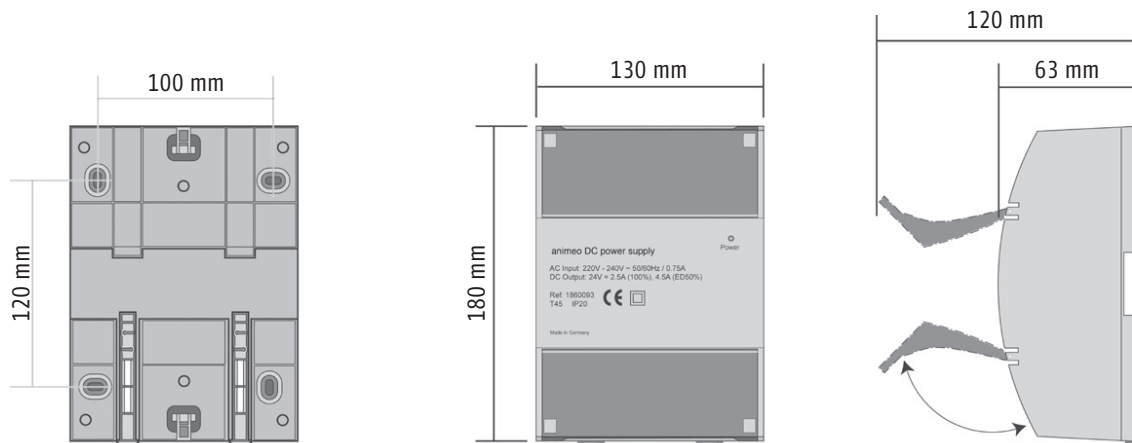
Animeo 4.5 DC power supply surface mounting or DIN rail mounting options

## 24V DC SOMFY MOTORS COMPATIBILITY CHART

Range	Motor	Supported motors
LW/LT28 Ranges	LV 25 B44	11
	LW 25 B44	11
	LV 25 B64	9
	LW 25 B83	7
	LT 28 B73	11
	LT 28 H2	6
	LW25 E83	Animeo IB+ motor controller 4DC/E

Range	Motor	Supported motors
Sonesse® 30	Sonesse 30 RTS	3
	Sonesse 30 DCT	3
	Sonesse 30 RS485 (DCT control)	3
	Sonesse 30 RS485 (RS485 control)	3

## DIMENSIONS



somfy®

## TECHNICAL SPECIFICATIONS

<b>Input</b>	Nominal supply voltage	230V AC
	Supply voltage limits	180V AC – 264V AC
	Frequency	50Hz – 60 Hz
	Power consumption	60 W continuous / 180 W peak
	Fuse	T4.0AL / 250V
	Connectors	quick operation spring loaded
	Recommended cable section	Min: 4x 1.5mm <sup>2</sup> – Max: 4 x 2.5mm <sup>2</sup>
<b>Output</b>	Nominal load output current (intermittent load)	4.5A @ duty cycle 50%, T <sub>ON</sub> =3min.
	Nominal load output current (continuous load)	2.5A
	Rated output voltage	24V DC + 3% / -5% – S.E.L.V
	Ripple	< 0.5%
	Protections	Overload / short-circuit / Over voltage
	Protection type	Shut down o/p voltage, re-power on to recover
	Connectors	quick operation spring loaded
	Recommended cable section	Min: 4x 0.75mm <sup>2</sup> – Max: 4 x 2.5mm <sup>2</sup>
<b>Type</b>	Type	Switching / Flyback
	Duty cycle	Intermittent
	Time before thermal protector strips at nominal load	~5 minutes @ 60°C
<b>Comformity</b>	CE	
<b>Operating temperature range</b>	Full load: -25°C to +45°C	Storage: -40°C to +85°C
<b>Dielectric strength</b>	Class II – No earth required	
<b>Working humidity</b>	85% non-condensing	
<b>Weight</b>	450g	
<b>Enclosure</b>	Material	ABS / UL94V0
	Color	Pantone 422C (housing) – Pantone 432 (covers)
	Size	130mm x 180 mm x 63 mm
	Flammability level	UL94V0
	Degree of protection	IP20