

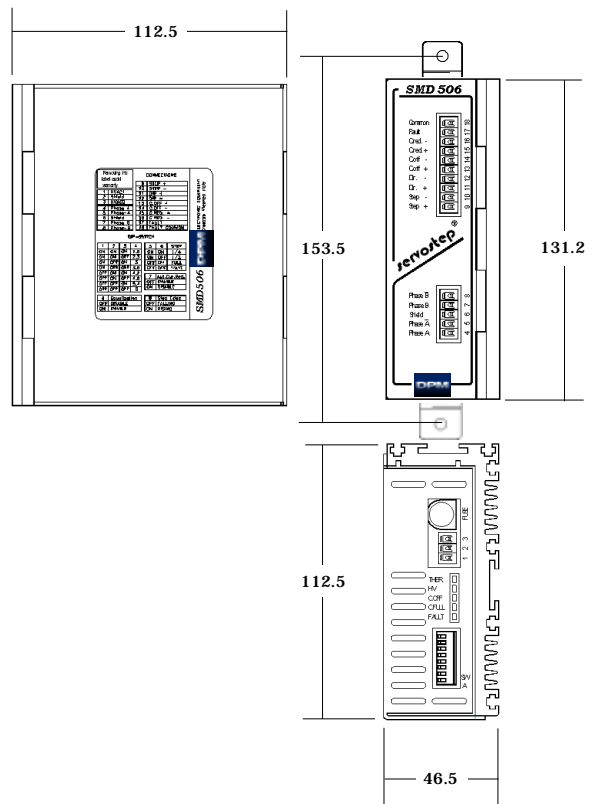
DRIVE DESCRIPTION

Extremely small dimensions
All models have the same dimensions
Extruded black anodised aluminium container, designed by us. Green anodised aluminium external covering.
Easy to anchor by inserting screws into the channels present on the extrusion, to the panel using the supplied brackets, or to the omega guide.
Plug-in terminal blocks, easy to wire.
AC power from 24Vac to 60Vac, nominal 48Vac.
Phase current, nominal 5A, peak 7A in the 1/2 step to 1/256 step modes, 8 levels can be selected with the dip-switch (SWA).
Possibility of automatic phase current reduction while the motor is stopped.
The NPN or PNP optoinsulated inputs accept voltages from 5Vdc to 24Vdc without the need for special configurations or external components.
Possibility of selecting the rising or falling edge of the "STEP" signal.
Protected against short circuits, undervoltages, overvoltages, overheating.



DRIVE TECHNICAL CHARACTERISTICS

CONTROL DEVICE	Bipolar chopper
CHOPPER FREQUENCY	20 KHz.
PHASE CURRENT	from 1.5A – 5A (7A peak, 1/2 to 1/256 step)
SUPPLY VOLTAGE	48Vac (from 24Vac – 60Vac)
PROTECTIONS AGAINST:	UNDERVOLTAGE 14Vac OVERVOLTAGE 70Vac SHORT CIRCUITS
FUNCTIONS	Full step (two phases ON) Microstepping until 1/256 Antidumping.
MAXIMUM STEP FREQUENCY	1 Mhz, d.c. 50%
STEP IMPULSE DURATION	1 microseconds
LOGIC LEVEL –0-	< 2.5V
LOGIC LEVEL –1-	≥ 5.0 V (36V max.)
FAULT OUTPUT	Optoinsulated, emitter and open collector Vce = 40V Ic = ≤ 30mA Min. ON current ≈4mA Max. ON current ≈8mA
DIMENSIONS	131.2 x 112.2 x 46.5 (mm)
WEIGHT	630 g



DPM can change the specifications without notice