

Fichier:SmartDrive Dm Series Stepper Drive Datasheet 4.png

Front Panel Status LED's



Colour	Name	Function
Red	Supply Fault	Indicates either a low logic supply, or the winding supply is too high (greater than 100V).
Red	Over Temp	Indicates that the heatsink temperature is greater than 100°C.
Red	W1 Fault	Indicates that either a short circuit has occurred on winding 1 or if the winding supply is below 27V.
Red	W2 Fault	Indicates that a short circuit has occurred on winding 2.
Green	Energise	Indicates that the motor is energised.
Yellow	Phase 0	Indicates the phase 0 condition. Note that it is normal for this LED to flash or be dimly lit when the drive receives dock pulses.

Electrical Specification

Supply Voltages	Winding Supply	Min 27V	Typ 85V	Max 94V
	Logic Supply	15V	24V	33V
Logic Supply Current		80mA		
Winding Supply Fuses	DM28/6, DM28/9	3.15A Fast Blow		
	DM55/6, DM55/9	5A Fast Blow		
	DM110	8A Fast Blow		
	DM165	10A Fast Blow		
Motor Inductance		Min 0.5mH		
Step Rate		0-500KHz		
Dimensions (l x w x h)	6HP Drive	172x25x12mm		
	9HP Drive	172x42x12mm		
Mounting		3U subrack mounting or via PCB posts		

Contacting SmartDrive

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