

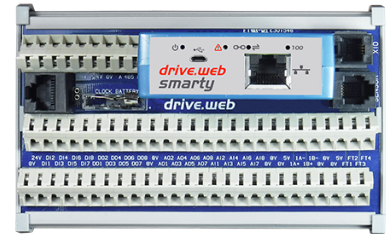
drive.web Datasheet

Model: dw240-DM-C3CD

smarty C3 - Advanced Universal Automation Controller

I/O & Connectivity

Analog Inputs	8 (-11VDC to +30VDC, 100 Ω , 1kHz, bipolar)
Analog Outputs	8 (-10.5VDC to +10.5VDC, 10mA, bipolar)
Digital Inputs	8 (50VDC max, 8VDC threshold, 3v hysteresis, 1kHz)
Digital Outputs	8 (24VDC, 80mA max, 25.2VDC Max)
Encoder Inputs	24VDC max, -0.5VDC min, 0.3 VDC min differential. Up to 1MHz.
Frequency Inputs	4 (30VDC max, 100kHz) Shared with Timing Output
Timing Outputs	4 (30VDC max, 500kHz max, 80mA) Shared with Frequency Input
USB	USB-C (peripheral-type)
Ethernet	100BASE-TX with drive.web peer-to-peer
Terminals	Extra terminals for cabinet-side power; +24VDC, 0V
Communication Protocols	CANopen, ModbusRTU



Software Features

Modbus TCP/IP (04)	Slave/Server
Process Control (05)	Recommended for most applications
Winder Control (06)	Diameter Calc., Taper Tension, Torque Comp.
Math (10)	With internal 32-bit Calculator
EIP/PCCC (25)	Slave/Server
savvyPanel (26)	Operator station interface
Solar (29)	Calculates sun position azimuth and zenith
Precision Motion (39)	With Trapezoid Motion and Cam Profile

Factory Build Specs

Clock	Yes (CR2032)
Dimensions	5.51" x 3.43" x 3.00" (140mm x 87mm x 76mm)
Mount Type	DIN Rail: Use 35x7.5mm rail per IEC 60715 or EN50022
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 50°C
Humidity	95% max, non-condensing
Compliance	UL

