

COMMANDER S AC DRIVE & MARSHAL APP INTERFACE

MAKING SIMPLE APPLICATIONS, SIMPLE



COST EFFECTIVE

Equipped with unique features designed to save you time, energy and money.



EASY TO INSTALL

The sleek curved design of Commander S optimises component layout for a small footprint and easy access to terminals. The click-on/click-off DIN rail mount makes installation remarkably easy.



EASY TO USE

Using our new Marshal app (Android/iOS) your drive can be configured in under 60 seconds.



RELIABLE

Durability is at the core of Commander S design, guaranteeing performance throughout its whole lifetime.

5

YEAR FREE WARRANTY

Warranty terms and conditions apply.

0.18 to 4 kW (0.25 to 5 hp)
1 Φ 100 & 200 V, 3 Φ 200 & 400 V
Linear V to F, Square V to F, Resistance Compensation

Take charge of motor control and energy savings with the latest addition to the Control Techniques portfolio. With a feature set optimised for simple applications, Commander S provides a cost-effective solution for installations that require plug and play convenience straight from the box.

Commander S is the first drive to come with an app interface as a standard feature. The Marshal app is a revolutionary way to interface with the drive covering commissioning, monitoring, diagnostics and support.

CONTROL TECHNIQUES

TAP & GO

Just bring your phone near the **NFC** logo to connect to the drive



MARSHAL

is your drive expert in the field for:

- Commissioning, even in the box, with no power to the drive
- Cloning – just tap to write as many drives as you want
- Sharing configurations via the app, email or messenger
- Diagnosing system errors and getting support
- Activating the 5 Year Warranty
- Finding the nearest CT approved sales and support centre

Download Marshal



Documentation and downloads



Product documentation and PC tools available for download from:
www.controltechniques.com/support

Commander 5 Key Technical Specifications

Power & Control	
Voltage	1Φ AC 100 & 200 V 3Φ AC 200 & 400 V
Power range	0.18 to 4 kW / 0.25 to 5 hp
Duty rating	Heavy Duty
Input frequency	50/60 Hz
Output frequency	0 to 300 kHz
Switching frequency	4 kHz and 12 kHz
Motor control	Linear V to F, Square V to F, Resistance Compensation
Stopping modes	Coast, Ramp, Ramp & DC Injection Braking, DC Braking with 0 Hz detect, Timed DC Braking, Distance Stop
Communication	
Communications	RJ45 for Modbus RTU, NFC for Marshal app interface
Inputs & Outputs	
Analogue	2 x Analogue inputs 1 x Analogue output
Digital	4 x Digital inputs 1 x Digital input / output
Relay	1 x Relay (single pole, double throw relay)
Standards	
Approvals	CE, UKCA, cUL, C-Tick, EAC, KC
Product safety standards	IEC/EN/KN/UL 61800-5-1, CSA C22.2 No.274, GB12668.501-2013
Emission compliance	C3 internal EMC filters C1 & C2 with external EMC filters C1 internal EMC filters, for selected 1Φ 200 V variants
Mounting & Environment	
IP Rating	IP20
Mounting	Click on/click off DIN rail mount Screw mount 0 mm side by side
Ambient temperature	Operation without de-rate: -10°C to 40°C (14°F to 104°F) Operation with de-rate: -10°C to 60°C (14°F to 140°F) Storage: -40°C to 60°C (-40°F to 140°F)

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