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Find the *Parker / Compumotor COMPAX2500S* at our website: ***Click HERE***

Compax S servo controller with integral power supply

The Compax S is a packaged version of the Compax M unit integrated with a direct-on-line power supply in a rugged industrial housing. There are three models in the Compax S series, rated at 2.5kVA, 4.5kVA and 8.5kVA. Each model is functionally identical to the Compax M, and with the exception of the details listed below, the specification of the Compax M applies also to the Compax S. Motor performance is identical to the corresponding SV2500S, SV4500S or SV8500S drive

The power supply in the two larger drives is designed to operate directly from standard three-phase supplies in the 400V range, and it incoprorates an internal dynamic braking resistor. The 2.5kVA unit may be powered from either single or three-phase supplies in the 100 to 230V range and has an optional external braking resistor. The front panel of the Compax 2500S may be re-orientated to change from a wide to a narrow mounting aspect (see dimension drawings).

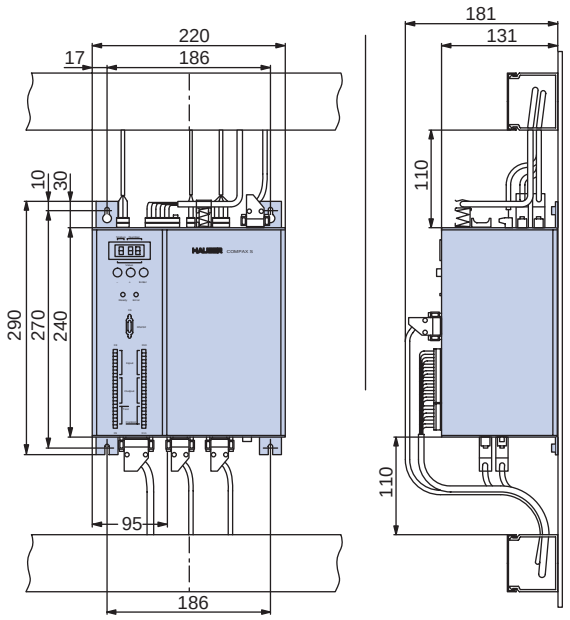


Main drive ratings

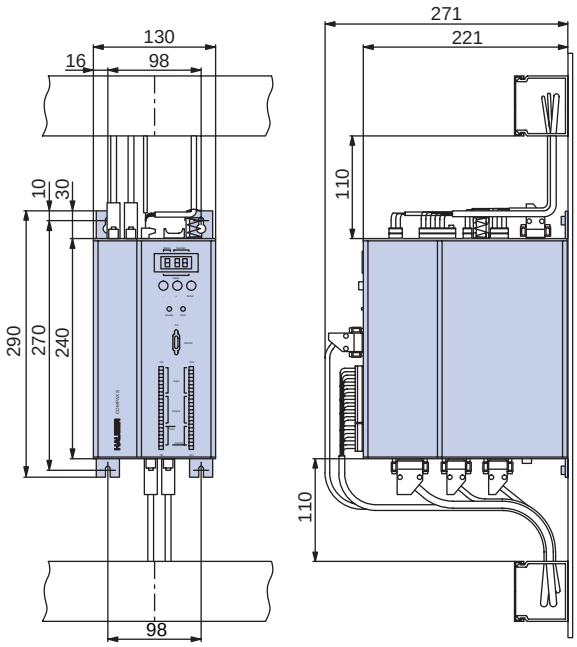
	Compax 2500S	*Compax 4500S*	*Compax 8500S*
Continuous output current, Arms	6.3	6.5	12.5
Peak output current (<5s), Arms	12.6	13	25
Continuous power kVA	2.5	4.5	8.5
AC supply voltage range, V	100-230 (1 or 3ϕ)	380 - 480 (3ϕ)	380-480 (3ϕ)
Supply voltage tolerance	+10% -15%	+5% -10%	+5% -10%
AC supply frequency, Hz	45-65	45-65	45-65
DC Control voltage, V	+24, external only	+24, built-in or external	+24, built-in or external
DC Brake supply	External	2A at 24V built-in	2A at 24V built-in
Dynamic braking resistor	56Ω 1kW, external	300W, internal	300W, internal
DC bus capacitance, µF	1000	330	500
Storable energy at nom. AC in, Ws	27	52	80
Max. power dissipation, W	80	170	170
Cooling	Convection	Fan	Fan
Weight, kg	4.7	5.2	5.2

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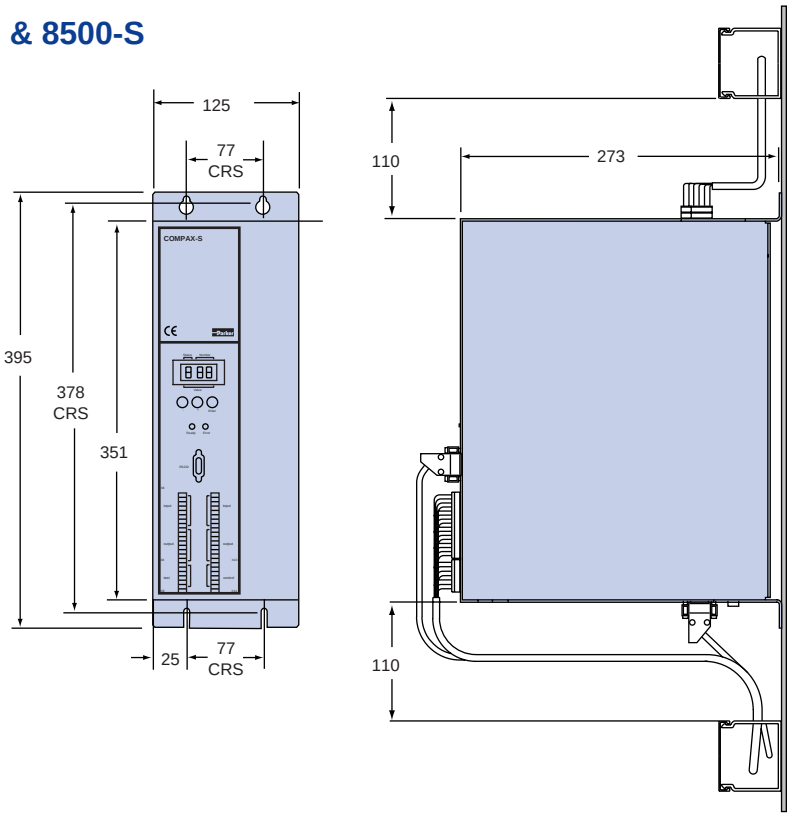
Compax 2500-S dimensions wide aspect



Compax 2500-S dimensions narrow aspect



Compax 4500-S & 8500-S



Parker Hannifin
Electromechanical Division
Offenburg, Germany & Poole, UK

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We buy equipment

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