

Catalog Number Explanation

Kinetix 5700 drive module catalog numbers and performance descriptions.

Table 4 - Kinetix 5700 Drive Module Catalog Numbers

Kinetix 5700 Drive Modules	Cat. No.		Module Width mm	Input Voltage	Continuous Output Power kW	Continuous Output Current to Bus A _{DC rms}	Continuous Output Current A 0-pk
DC-bus Power Supply	2198-P031 2198-P070		55	324...528V AC rms, three-phase	7 17	10.5 25.5	N/A
	2198-P141 2198-P208		85		31 46	46.9 69.2	
Single-axis Inverters	2198-S086-ERS3	2198-S086-ERS4 2198-S130-ERS4	85	N/A	29.7 44.9	N/A	60.8 91.9
	2198-S160-ERS3	2198-S160-ERS4	100		60.1		120.2
Dual-axis Inverters	2198-D006-ERS3 2198-D012-ERS3 2198-D020-ERS3 2198-D032-ERS3	2198-D006-ERS4 2198-D012-ERS4 2198-D020-ERS4 2198-D032-ERS4	55	N/A	1.7 3.4 5.5 8.9	N/A	3.5 7.0 11.3 18.3
	2198-D057-ERS3	2198-D057-ERS4	85		15.9		32.5
iTRAK Power Supply	2198T-W25K-ER		100	N/A	N/A	N/A	2x12.5

Table 5 - Capacitor Module Catalog Numbers

Capacitor Modules Cat. No.	System Current, max	Rated Voltage	Capacitance
2198-CAPMOD-2240	100 A	458...747V DC, nom	2240 µF
2198-CAPMOD-DCBUS-IO (extension module)	200 A		N/A

Table 6 - Shared-bus Connector Kit Catalog Numbers

Shared-bus Connector Kits Cat. No.	Drive Module Cat. No.	Application	Description
2198-TCON-24VDCIN36 ⁽¹⁾	2198-P070, 2198-P141, 2198-P208 2198-CAPMOD-2240	24V DC input power to control bus	24V DC input wiring connector
2198-H040-P-T	2198-D006-ERSx, 2198-D012-ERSx 2198-D020-ERSx, 2198-D032-ERSx 2198-CAPMOD-2240	Control power sharing	Control power T-connector with bus bars, 55 mm
2198-H070-P-T	2198-D057-ERSx 2198-S086-ERSx 2198-S130-ERSx	Control power sharing	Control power T-connector with bus bars, 85 mm
2198-S160-P-T	2198-S160-ERSx	Control power sharing	Control power T-connector with bus bars, 100 mm
2198T-W25K-P-IN ⁽²⁾	2198T-W25K-ER	24V DC input power to control bus	24V DC input wiring connector
2198T-W25K-P-T		Control power sharing	Control power T-connector with bus bars, 100 mm

(1) The DC-bus power supply or capacitor module is the typical use. However, the input wiring connector can be inserted into any drive module (mid-stream in the drive system) to begin a new 24V control bus when the maximum current value is reached.

(2) Use this connector with only iTRAK power supplies when the current capacity of the 2198-TCON-24VDCIN36 input wiring connector is exceeded.