

## DC Drives *Product Matrix*

<b>Drive Family</b>	<b>Fincor Series</b> <i>p. 284</i> 																	
<b>Control Technology</b>	Fincor 2120: Analog, Non-Regen	Fincor 2230: Analog, Regen Fincor 2330: Analog, Non-Regen Fincor 2610: Analog, Non-Regen																
<b>Power</b>	1/8 to 3 hp	1/8 to 5 hp																
<b>AC Voltage</b> 50/60 Hz ± 10%	115V-230V 1Ø	115V-230V 1Ø																
<b>Motor Feedback</b>	Voltage Feedback (CEMF) DC Tachometer (2122, 2122H, 2123)	Voltage Feedback (CEMF) and DC Tachometer																
<b>Input/Output</b>	Digital In: 1 Analog In: 1	<table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">2230</td> <td style="text-align: center;">2330</td> <td style="text-align: center;">2610</td> </tr> <tr> <td>Digital In:</td> <td style="text-align: center;">2</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Analog In:</td> <td style="text-align: center;">4</td> <td style="text-align: center;">2</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Analog Out:</td> <td style="text-align: center;">4</td> <td style="text-align: center;">0</td> <td style="text-align: center;">4</td> </tr> </table> Isolated I/O included as standard 2230 - External Signal Follower standard		2230	2330	2610	Digital In:	2	1	2	Analog In:	4	2	4	Analog Out:	4	0	4
	2230	2330	2610															
Digital In:	2	1	2															
Analog In:	4	2	4															
Analog Out:	4	0	4															
<b>Input/Output options</b>	External Signal Follower	N/A																
<b>Communication</b>	N/A	N/A																
<b>Configuration &amp; Programming</b>	N/A	N/A																
<b>Application Coprocessor</b>	N/A	N/A																
<b>Application Software</b>	N/A	N/A																
<b>Power Accessories</b>	N/A	Armature Contactor with Dynamic Braking																
<b>Approvals</b>	UL, CUL	UL, CUL																

<b>Drive Family</b>	<b>Mentor II</b> <i>p. 303</i> 	<b>Quantum III</b> <i>p. 310</i> 																		
<b>Control Technology</b>	Digital, Non-Regen, Regen, SCR	Digital, Non-Regen, Regen, SCR																		
<b>Power</b>	5 hp to 1000 hp	5 hp to 1000 hp																		
<b>AC Voltage</b> 50/60 Hz ± 10%	208-660V 3Ø	208-240V 3Ø 380-480V 3Ø																		
<b>Motor Feedback</b>	Voltage Feedback (CEMF) DC Tachometer Encoder	Voltage Feedback (CEMF) AC or DC Tachometer Encoder																		
<b>Input/Output</b>	<table border="0"> <thead> <tr> <th></th> <th>Input</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>Digital</td> <td>12</td> <td>7</td> </tr> <tr> <td>Analog</td> <td>5</td> <td>4</td> </tr> </tbody> </table>		Input	Output	Digital	12	7	Analog	5	4	<table border="0"> <thead> <tr> <th></th> <th>Input</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>Digital</td> <td>9</td> <td>5</td> </tr> <tr> <td>Analog</td> <td>5</td> <td>4</td> </tr> </tbody> </table>		Input	Output	Digital	9	5	Analog	5	4
	Input	Output																		
Digital	12	7																		
Analog	5	4																		
	Input	Output																		
Digital	9	5																		
Analog	5	4																		
<b>Input/Output options</b>	Remote I/O I/O Box	Remote I/O I/O Box																		
<b>Communication</b>	RS485/232 Communication Cards for MODBUS RTU, DeviceNet, PROFIBUS DP, Interbus-S, CTNet with MD29AN	RS485/232 Communication Cards for MODBUS RTU, DeviceNet, PROFIBUS DP, Interbus-S, CTNet with MD29AN																		
<b>Configuration &amp; Programming</b>	MentorSoft	MentorSoft																		
<b>Application Coprocessor</b>	MD29 32bit-coprocessor MD29AN s/a with CTNet	MD29 32bit-coprocessor MD29AN s/a with CTNet																		
<b>Application Software</b>	SyPT Pro IEC61131-3 ladder and function block programming or DPL (Drive Programming Language)	SyPT Pro IEC61131-3 ladder and function block programming or DPL (Drive Programming Language)																		
<b>Power Accessories</b>	Optional Field Regulator	Includes line fuses, motor contactor, and 120V control logic board as standard. Optional Field Regulator																		
<b>Approvals</b>	UL, CUL, CE, C-Tick, ISO14001, ISO9001:2000	UL, CUL, CE, C-Tick, ISO14001, ISO9001:2000																		