

S200 Servo Drive with Digital Link Option Card and MMC Stand-Alone Control

Servo Drive with the Digital Link Option (S200-DLS)

The S200 servo drive family now includes an optional Digital Link interface module and provides connectivity to the Digital MMC family of controls. The addition of this proven product compliments a full line of MMC-Smart Drives expanding the wide range, performance rich, and full-featured product line. Both the S200-DLS and the MMC Smart Drive can share the same Digital Link network.

Digital MMC Controls

The expanded Digital MMC family of controls now includes stand-alone controls from 2 to 64 axes and drive resident controls from 1 to 16 axes. The drives are easily daisy chained to the control using shielded CAT5 cable.

PiCPro Programming Software V17.0

- Drive setup and control programming performed seamlessly through PiCPro



S200 with Enhanced DLS Functionality

RS 232 Serial Port

Base Drive I/O
4 in 24VDC, Analog Input (14 bit)

Smart Feedback Device (SFD)
High resolution resolver feedback

120/240 VAC Input Voltage

Motor Power

Drive Address Switches
Easily defines the drive address on the Digital Link network

Digital Motion Control Network
Digital Link RJ45 in/out connectors for CAT5 plug-n-play connectivity

Future Feedback Offerings
BiSS, Endat 2.2, Comcoder

DLS Option Card I/O
4 in/4 out 24VDC

S200-DLS Servo Drive

The MMC-DSA Control offers Interface Flexibility

Optional Expansion Module
32 in/32 out 24VDC, DeviceNet, Profibus, up to 4 modules can be added to the side of the control

10/100 Ethernet for Device Connectivity

Expand via our Block I/O

User Serial Port Provides Application Flexibility

Digital Motion Control Network
The MMC-DSA Control provides an interface for up to 16 axes. Drives can be both the S200-DLS and/or the Digital MMC-SD on one Digital Link Network.

Control I/O

Up to 16 drives

MMC-DSA Stand-Alone Control

DANAHER MOTION



Digital Product Family

The Digital Product Family includes the MMC Drive Resident and MMC Stand-Alone Control platforms, the Digital MMC-SD and the S200-DLS Servo Drives. These products offer a wide range of choices for your complete system solution.

Family Member		Description	Dimensions: Inches (mm) W X H X D
Controls	MMC-Dx	1, 2, 4, 8 and 16 axis Drive Resident Control	Drive Resident - Installs inside Digital MMC Drive
	★ MMC-DSAx	2, 4, 8 and 16 axis Stand-Alone Control	Stand-Alone - 2.25" (57.15) X 9.59" (243.59) X 5.25" (133.3)
	MMC-Dx	32 and 64 axis Stand-Alone Control	
Option	MMC-32 in / 32 out	32 DC Inputs and 32 DC Outputs	1.28" (35.21) X 9.59" (243.59) X 5.25" (133.3)
	MMC-AIO	4 ½ Axis Interface Expansion Module	
	MMC-D	DeviceNet Module	
	MMC-P	Profibus Module	
Servo Drives	★ S200-DLS	3A, 6A, 12A, 24A, SFD, 120/240 VAC	
	Digital MMC-SD	0.5 to 2kw 230 VAC, 1.3 to 65kw 460 VAC	

★ Denotes new product

Feature	MMC-D1	MMC-D2/ MMC-DSA2	MMC-D4/ MMC-DSA4	MMC-D8/ MMC-DSA8	MMC-D16/ MMC-DSA16	MMC-D32	MMC-D64
Closed Loop Axes	1	2	4	8	16	32	64
Digitizing (Read-Only or Half) Axes	1	2	4	8	16	32	64
Processor Speed	64MHz	64MHz	64MHz	96MHz	96MHz	400MHz	400MHz
Application Memory	1.3 MBytes	1.3 MBytes	1.3 MBytes	1.3 MBytes	1.3 MBytes	3 MBytes	3 MBytes
General Purpose Input (24VDC)	8	8	8	8	8	0	0
General Purpose Output (24VDC)	8	8/7	8/7	8/7	8/7	0	0
Digital MMC-SD Drive I/O	8 Inputs, 4 Outputs, 1 Analog Input (14 bits) per drive in the system						
S200 - DLS Drive I/O	7 Inputs, 4 Outputs, 1 Analog Input (14 bits) per drive in the system						
User Serial Port	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Block I/O Capability	No	Yes	Yes	Yes	Yes	Yes	Yes
On-Board Ethernet Capability	No	Yes	Yes	Yes	Yes	Yes	Yes
32 Point I/O, DeviceNet, Profibus	Option Modules are available on the Stand-Alone Controls - up to 4 modules total per control.						

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For sales support, please contact your local
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Manager, or G&L Motion Control at 1-800-558-4808.