

OptiMate Cables

Company Information

Control Systems Overview

CLICK PLC

Do-More PLCs Overview

Do-More H2 PLC

Do-More T1H PLC

DirectLOGIC PLCs

DirectLOGIC DL05/06

DirectLOGIC DL105

DirectLOGIC DL205

DirectLOGIC DL305

DirectLOGIC DL405

Productivity Controller Overview

Productivity 2000

Productivity 3000

Universal Field I/O

Software

C-More HMI

C-More Micro HMI

ViewMarq Industrial Marquees

Other HMI

Communications

Appendix Book 1

Terms and Conditions

Cables for OptiMate Panel-to-PLC Connection					
PLC Family	CPU (or other device)	CPU Port	Cables for 600/1000 Series	Cables for 400 Series	
DirectLOGIC™ DL05	DL05: D0-05	Port 1	OP-2CBL	OP-2CBL-2	
		Port 2	OP-2CBL	OP-2CBL-2	
DirectLOGIC™ DL06	DL06: D0-06	Port 1	OP-2CBL	OP-2CBL-2	
		Port 2	OP-2CBL-1	not available***	
DirectLOGIC™ DL105	DL105: F1-130	Only one	OP-2CBL	OP-2CBL-2	
DirectLOGIC™ DL205	D2-230	Only one	OP-2CBL	OP-2CBL-2	
		D2-240	Top port	OP-2CBL	OP-2CBL-2
			Bottom port	OP-2CBL	OP-2CBL-2
		D2-250-1 D2-260	Top port	OP-2CBL	OP-2CBL-2
			Bottom port	OP-2CBL-1	not available***
D2-DCM (module)	Only one	OP-4CBL-2****	not available***		
DirectLOGIC™ DL305	D3-330	Requires DCU*	OP-4CBL-2****	not available***	
		D3-330P	Requires DCU*	OP-4CBL-2****	not available***
			Top port	OP-3CBL	OP-3CBL-1
		D3-340	Bottom port	OP-3CBL	OP-3CBL-1
			Top port	OP-2CBL	OP-2CBL-2
		D3-350	Bottom port	OP-4CBL-2****	not available***
DirectLOGIC™ DL405	D4-430	Top port (15-pin)	OP-4CBL-1	OP-4CBL-3	
		Bottom port (25-pin)	OP-4CBL-2****	not available***	
	D4-440	Top port	OP-4CBL-1	OP-4CBL-3	
		Bottom port	OP-4CBL-2****	not available***	
	D4-450	Phone jack	OP-2CBL	OP-2CBL-2	
		Top port (15-pin)	OP-4CBL-1	OP-4CBL-3	
	D4-DCM (module)	Bottom port (25-pin)	OP-4CBL-2****	not available***	
		Only one	OP-4CBL-2****	not available***	
Slice I/O panels	Only one	OP-4CBL-1	OP-4CBL-3		
GE® Series 1	IC610CPU105, 106	Requires DCU*	OP-4CBL-2****	not available***	
GE® Series 90/30	All models (311-351)	RS422 serial port	not available***	not applicable	
GE® Fanuc™ Series 90 Micro	All models	RS422 Serial port	not available***	not applicable	
MODICON	ModBus	RJ45 port	OP-MCBL-1**	not applicable	
TI305™/SIMATIC® TI305™	325-07, PPX:325-07	Requires DCU*	OP-4CBL-2****	not available***	
		330-37, PPX:330-37	Requires DCU*	OP-4CBL-2****	not available***
			Requires DCU*	OP-4CBL-2****	not available***
		330S-37, PPX:330S-37	Requires DCU*	OP-4CBL-2****	not available***
			Only one	OP-3CBL	OP-3CBL-1
		335-37, PPX:335-37	If DCU is used*	OP-4CBL-2****	not available***
TI405™/SIMATIC® TI405™	425-CPU, PPX:425-CPU	Only one	OP-4CBL-1	OP-4CBL-3	
		430-CPU, PPX:430-CPU	Top port (15-pin)	OP-4CBL-1	OP-4CBL-3
			Bottom port (25-pin)	OP-4CBL-2****	not available***
		435-CPU, PPX:435-CPU	Top port (15-pin)	OP-4CBL-1	OP-4CBL-3
			Bottom port (25-pin)	OP-4CBL-2****	not available***
Smart Slice™ I/O panels	Only one	OP-4CBL-1	OP-4CBL-3		
Allen-Bradley™ SLC 500	5/03 5/04	Bottom port	OP-ACBL-1	OP-ACBL-3	
		Only one	OP-ACBL-2	OP-ACBL-4	

* Requires RS-232 Data Communications Unit (D3-232-DCU)

** 1000 series panels only

*** Cables for connecting to these ports must be built by the user. Pinout diagrams are in the OptiMate panel user manual or online.

**** OP-4CBL-2 cables are no longer available. Please consider EA-4CBL-2 for a comparable replacement.