

# Feed-through Connector Modules

Feed-through modules provide low-cost and compact field wiring screw termination solutions for quickly connecting ZIPLink cables with PLCs. Modules mount on 35 mm DIN rail part #DN-R35S1 (see Accessories below).



ZL-CM20



ZL-CM24



ZL-CM40

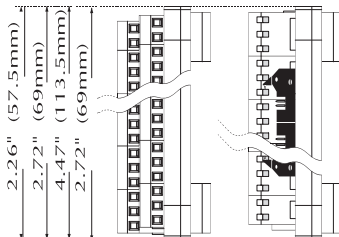


ZL-CM056

Specifications												
Feed-Through Modules	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
		ZL-CM20	1	<--->	ZL-CM24	1	<--->	ZL-CM40	1	<--->	ZL-CM056	1
<b>Description</b>	20-pole connector module with marking labels			24-pole connector module with marking labels			40-pole connector module with marking labels			Ziplink connector module for 05 and 06 PLC 16 channel I/O modules		
<b>Approvals</b>	UL,CUL,CE			UL,CUL,CE			UL,CUL,CE			UL,CUL,CE		
<b>Voltage Rating</b>	0 -132VAC/DC			0 -132VAC/DC			0 -132VAC/DC			0 -132VAC/DC		
<b>UL/CUL File #</b>	E197592			E197592			E197592			E197592		
<b>Operating Voltage</b>	0-120VAC/DC			0-120VAC/DC			0-120VAC/DC			0-120VAC/DC		
<b>Maximum Voltage</b>	600Vp			600Vp			600Vp			600Vp		
<b>Max. Current (per Circuit)</b>	2 Amps			2 Amps			2 Amps			2 Amps		
<b>Max. Current (per Module)</b>	12 Amps			12 Amps			12 Amps			12 Amps		
<b>Number of Channels</b>	20			24			40			24		
<b>Terminal Block Contacts</b>	Copper alloy, tin-lead plating											
<b>Wire Range (Rated cross Section)</b>	22-14AWG (0.2-25mm <sup>2</sup> )			22-14AWG (0.2-25mm <sup>2</sup> )			22-14AWG (0.2-25mm <sup>2</sup> )			22-14AWG (0.2-25mm <sup>2</sup> )		
<b>Wire Strip Length</b>	0.32" (8mm)			0.32" (8mm)			0.32" (8mm)			0.32" (8mm)		
<b>Tightening Torque</b>	3.5 lb-in (0.4Nm)			3.5 lb-in (0.4Nm)			3.5 lb-in (0.4Nm)			3.5 lb-in (0.4Nm)		
<b>Operating Temperature</b>	-10°C to+50°C			-10°C to +50°C			-10°C to+50°C			-10°C to+50°C		
<b>Dimensions (L x W x H)</b>	2.26" w x 1.85" h x 2.17" l (57.5mm x 47mm x 2.17mm)			2.72" w x 1.85" h x 2.17" l (69mm x 47mm x 55mm)			4.47" w x 1.85" h x 2.17" l (113.5mm x 47mm x 55mm)			2.72" w x 1.85" h x 2.17" l (69mm x 47mm x 55mm)		

Accessories												
	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg	Part #	Pcs/Pkg	Price/Pkg
<b>DIN Rail</b>	DN-R35S1	10	<--->	DN-R35S1	10	<--->	DN-R35S1	10	<--->	DN-R35S1	10	<--->
<b>Angled Support Bracket</b>	DN-ASB1	50	<--->	DN-ASB1	50	<--->	DN-ASB1	50	<--->	DN-ASB1	50	<--->
<b>End Bracket</b>	DN-EB35	50	<--->	DN-EB35	50	<--->	DN-EB35	50	<--->	DN-EB35	50	<--->
<b>Slotted Screwdriver</b>	DN-SS1	1	<--->	DN-SS1	1	<--->	DN-SS1	1	<--->	DN-SS1	1	<--->
<b>Marking Labels</b>	Included — preprinted and blank			Included — preprinted and blank			Included — preprinted and blank			Included — preprinted and blank		

ZL-CM20  
ZL-CM24  
ZL-CM40  
ZL-CM056



**Note: See wiring details on our Web site at:**  
<http://www.automationdirect.com/static/manuals/ziplinks/ziplinks.html>

# Connection Cables

ZIPLink Connection Cables				
Part Number	Description	Insulation Rating	Conductor Size	Price
<b>Standard DL205 8 Channel</b>				
ZL-2CBL1	DL205-8 ZIPLink cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-2CBL1-1	DL205-8 ZIPLink cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-2CBL1-2	DL205-8 ZIPLink cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>Standard DL205 16 Channel</b>				
ZL-2CBL2	DL205-16 ZIPLink cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-2CBL2-1	DL205-16 ZIPLink cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-2CBL2-2	DL205-16 ZIPLink cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>LED/Sensor DL205 16 Channel</b>				
ZL-2CBL2L	DL205-16, ZIPLink LED/sensor module cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-2CBL2L-1	DL205-16, ZIPLink LED/sensor module cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-2CBL2L-2	DL205-16, ZIPLink LED/sensor module cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>Standard DL305 16 Channel</b>				
ZL-3CBL2	DL305-16 ZIPLink cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-3CBL2-1	DL305-16 ZIPLink cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-3CBL2-2	DL305-16 ZIPLink cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>LED/Sensor DL305 16 Channel</b>				
ZL-3CBL2L	DL305-16, ZIPLink LED/sensor module cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-3CBL2L-1	DL305-16, ZIPLink LED/sensor module cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-3CBL2L-2	DL305-16, ZIPLink LED/sensor module cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>Fuse/Relay DL305 8 Channel</b>				
ZL-3CBL1FR8	DL305-8, ZIPLink fuse/relay module cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-3CBL1FR8-1	DL305-8, ZIPLink fuse/relay module cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-3CBL1FR8-2	DL305-8, ZIPLink fuse/relay module cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>Fuse/Relay DL305 16 Channel</b>				
ZL-3CBL2FR16	DL305-16, ZIPLink fuse/relay module cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-3CBL2FR16-1	DL305-16, ZIPLink fuse/relay module cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-3CBL2FR16-2	DL305-16, ZIPLink fuse/relay module cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>Standard DL305 16 Channel</b>				
ZL-3CBL3	DL305-16 ZIPLink cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-3CBL3-1	DL305-16 ZIPLink cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-3CBL3-2	DL305-16 ZIPLink cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>Fuse/Relay DL305 16 Channel</b>				
ZL-3CBL3FRD16	DL305-16, ZIPLink fuse/relay module cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-3CBL3FRD16-1	DL305-16, ZIPLink fuse/relay module cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-3CBL3FRD16-2	DL305-16, ZIPLink fuse/relay module cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>Standard DL405 16 Channel</b>				
ZL-4CBL2	DL405-16 ZIPLink cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-4CBL2-1	DL405-16 ZIPLink cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-4CBL2-2	DL405-16 ZIPLink cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->
<b>Standard DL205 or DL405 32 Channel</b>				
ZL-4CBL4	DL205 or DL405-32 ZIPLink cable, 1.6 ft. (0.5M)	300V 80°C	#24 AWG	<--->
ZL-4CBL4-1	DL205 or DL405-32 ZIPLink cable, 3.3 ft. (1.0M)	300V 80°C	#24 AWG	<--->
ZL-4CBL4-2	DL205 or DL405-32 ZIPLink cable, 6.5 ft. (2.0M)	300V 80°C	#24 AWG	<--->

ZL-2CBL1xx



ZL-2CBL2xx



ZL-3CBL2xx



ZL-3CBL3xx



ZL-4CBL2xx



ZL-4CBL4xx



PLC Overview

DL05/06 PLC

DL105 PLC

DL205 PLC

DL305 PLC

DL405 PLC

Field I/O

Software

C-more HMIs

Other HMI

AC Drives

Motors

Steppers/Servos

Motor Controls

Proximity Sensors

Photo Sensors

Limit Switches

Encoders

Current Sensors

Pushbuttons/Lights

Process

Relays/Timers

Comm.

TB's & Wiring

Power

Circuit Protection

Enclosures

Appendix

Part Index

# Connection Cables (cont.)

ZiLink Connection Cables				
Part Number	Description	Insulation Rating	Conductor Size	Price
<b>Communication Adapter</b>				
ZL-DN15TB-CBL	15 pin shielded cable for DN-15TB module 6.5 ft (2M)	300V 80°C	#28 AWG	<--->
ZL-DN25TB-CBL	25 pin shielded cable for DN-25TB module 6.5 ft (2M)	300V 80°C	#28 AWG	<--->
<b>Ready to Wire w/Pigtail End</b>				
ZL-2CBL2-2P	DL-205-16 Ready-to-wire 20 conductor cable, 2A max/conductor 6.5 ft (2M)	300V 80°C	#24 AWG	<--->
ZL-3CBL3-2P	DL-305-16 Ready-to-wire 24 conductor cable, 2A max/conductor 6.5 ft (2M)	300V 80°C	#24 AWG	<--->
<b>Standard DL05/06</b>				
ZL-CBL056	Ziplink cable for DL05 and 06 16 point I/O modules to Ziplink feedthrough modules (0.5M)	300V 80°C	#24 AWG	<--->
ZL-CBL056L	Ziplink cable for DL05 and 06 16 point I/O LED modules (0.5M)	300V 80°C	#24 AWG	<--->
ZL-CBL056FR	Ziplink cable for DL05 and 06 16 point I/O fuse/relay modules (0.5M)	300V 80°C	#24 AWG	<--->
<b>Standard</b>				
ZL-DB9-CBL	Cable with 9-pin Dsub connectors on both ends, black. male/female, (2M)	300V 80°C	#28 AWG	<--->
ZL-DB15-CBL	Cable with 15-pin Dsub connectors on both ends, black. male/female, (2M)	300V 80°C	#28 AWG	<--->
ZL-DB25-CBL	Cable with 25-pin Dsub connectors on both ends, black. male/female, (2M)	300V 80°C	#28AWG	<--->
ZL-RJ12-CBL	Reverse-wired cable with two RJ12 connectors, black. (2M)	300V 80°C	#28 AWG	<--->

Note: Use ZL-DN15TB-CBL cable only for Communication Module DN-15TB; Super VGA cables will not function correctly.

ZL-2CBL2-2P\*



\* Can be used with any brand PLC.

ZL-CBL056L



ZL-DN15TB-CBL



ZL-DN25TB-CBL

