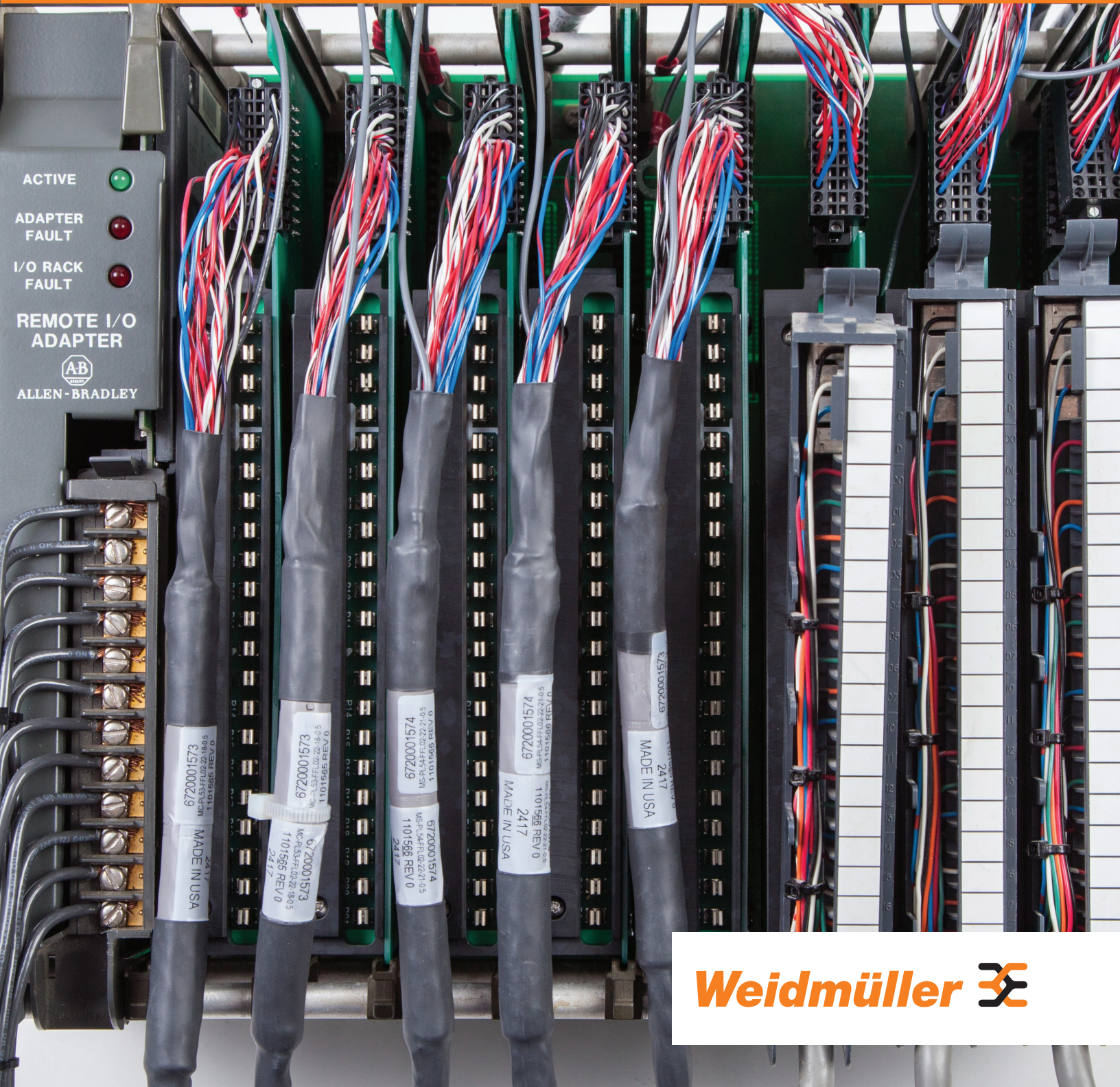


Control System Migration

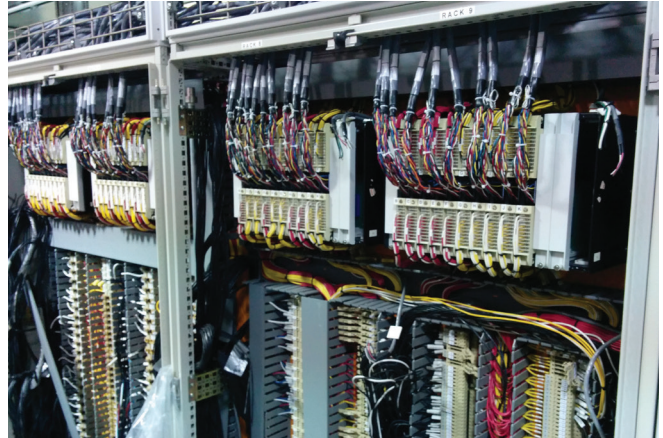
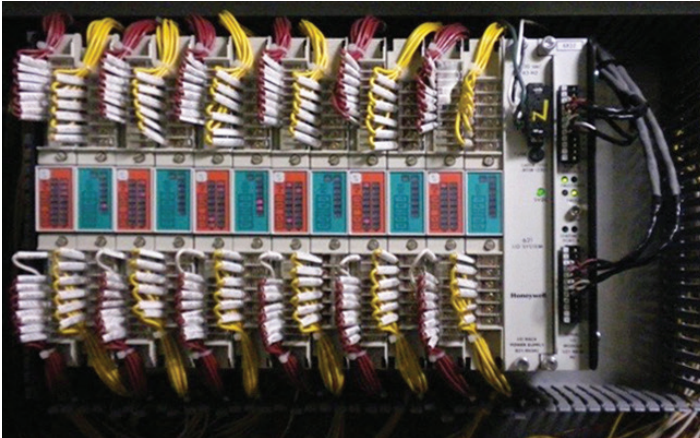
A universal conversion platform for legacy PLC Systems

Allen-Bradley PLC 5 1771 Migration



Weidmüller 

Streamline Your PLC Migration



Weidmuller's patented new universal conversion/migration platform will substantially reduce the time and expense of updating your legacy Allen-Bradley PLC 5 1771 to your new system.

Uniquely designed solution

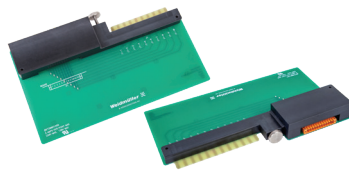
The key to Weidmuller's migration platform is in the design. It permits your existing field wiring to remain in place and undisturbed on the front panel adaptor and eliminates the need to wire-trace or ring-out.

Compatibility means flexibility

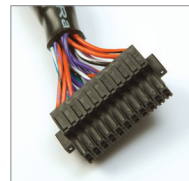
The assembly is a universal conversion/migration system for all legacy Allen-Bradley PLC 5 1771, enabling you to seamlessly migrate to any new control system.

Minimal components maximize migration efficiency

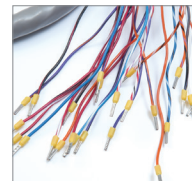
Weidmuller's migration solution includes just five versions of a card adaptor, 10-, 12-, 18-, 21- and 40-points, plus five cable types to accommodate flying leads or pre-wired field connections.



Card Adaptors



21-Pin
Connector



Flying Ferrule
Leads



UL and CSA
Approved Cables

Global approvals

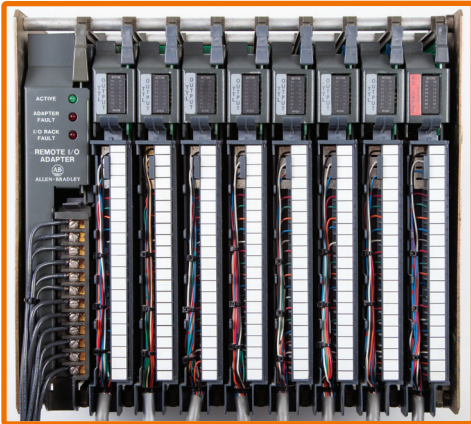
The card adaptors are cURus approved and the certified cables are UL and CSA listed. In addition, the cables are RoHS and FT4 rated at 300V.



Migrate and test in hours, not weeks.

Using Weidmuller's patented migration platform, here's how easy it is to migrate your PLC, step-by-step:

START



Existing IPC Logic Manager

STEP 1



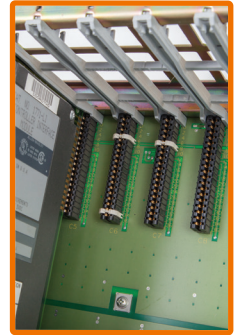
Remove existing Field Wiring adaptors

STEP 2



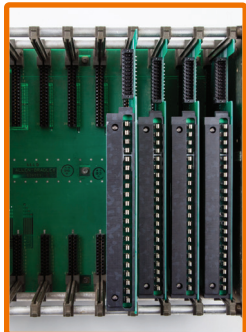
Remove existing controller cards

STEP 3



Remove all key codes from the backplane connectors.

STEP 4



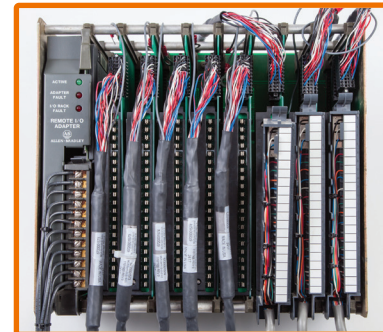
Replace controller card with Weidmuller adaptor card

STEP 5



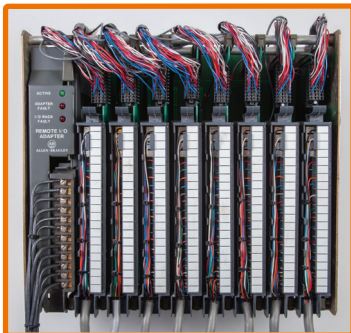
Connect cable with connector to adaptor card

STEP 6



Reattach existing Field Wiring adaptors

DONE!



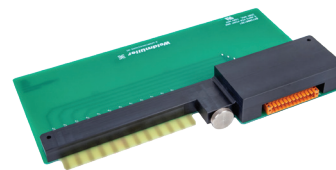
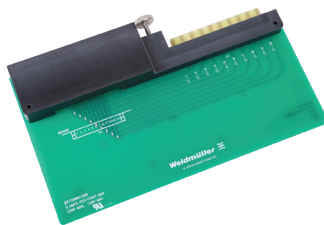
Completed and migrated PLC System

Benefits

- Keep your existing field terminations landed. No ring out needed!
- Perform your PLC conversion in hours instead of weeks.
- All components are plug-and-play with keyed connectors to eliminate any chance of wiring errors.

Universal Card Adaptors

- Feed through connections
- PLC 5 1771 conversion to pluggable connector(s)
- 10-, 12-, 18-, 21- or 40-point cards

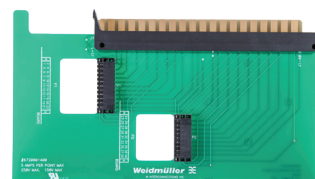
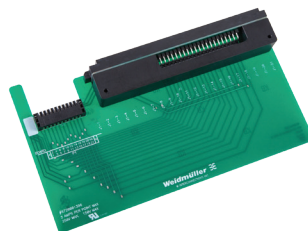
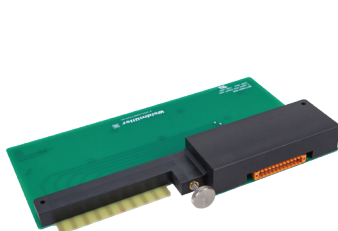


Technical data

Connection data		
Process side	Card edge fingers on PWB for legacy style connectors	Card edge fingers on PWB for legacy style connectors
Type	OEM Connector	OEM Connector
Control side	One 3.5 pitch 12-pin SL header	One 3.5 pitch 12-pin SL header
Type	Screw type connection	Screw type connection
Rated data		
Rated voltage	250V max., 150V max. (UR)	250V max., 150V max. (UR)
Max. current per channel	5A	5A
Operating temperature	0°C to +50°C	0°C to +50°C
Storage temperature	0°C to +50°C	0°C to +50°C
Approvals		
Standards	cURus (E141197)	cURus (E141197)
Physicals		
	Designed to fit in existing I/O rack	Designed to fit in existing I/O rack
Note	Cabling not included	Cabling not included

Ordering data

	Model	Qty	Part No.	Model	Qty	Part No.
	10-point PLC 5 1771-WA/WC carrier	1	6720001398	12-point PLC 5 1771-WB/WD carrier	1	6720001397
Note						



Technical data

Connection data			
Process side	Card edge fingers on PWB for legacy style connectors		
Type	OEM Connector		
Control side	One 3.5 pitch 22-pin S2L header		
Type	Tension type connection		
Rated data			
Rated voltage	150V max.		
Max. current per channel	5A per point max.		
	10A per whole assembly		
Operating temperature	0°C to +50°C		
Storage temperature	0°C to +50°C		
Approvals			
Standards	cURus (E141197)		
Physicals			
Note	Designed to fit in existing I/O rack		
	Cabling not included		
Ordering data			
	Model	Qty	Part No.
	18-point PLC 5 1771-WI carrier	1	6720001399
Note			

Card edge fingers on PWB for legacy style connectors			
OEM Connector			
One 3.5 pitch 22-pin S2L header			
Tension type connection			
120/240V max. 1Ø3W+G, 50-60Hz			
3A per point max.			
16A per whole assembly			
0°C to +50°C			
0°C to +50°C			
cURus (E141197), CE			
Designed to fit in existing I/O rack			
Cabling not included			

Card edge fingers on PWB for legacy style connectors			
OEM Connector			
One 3.5 pitch 18-pin + 22-pin S2L header			
Tension type connection			
250V max., 150V max. (UR)			
5A per point max.			
10A per assembly			
0°C to +50°C			
0°C to +50°C			
cURus (E141197)			
Designed to fit in existing I/O rack			
Cabling not included			

	Model	Qty	Part No.
	40-point PLC 5 1771-WN carrier	1	6720001400

Migration Cables

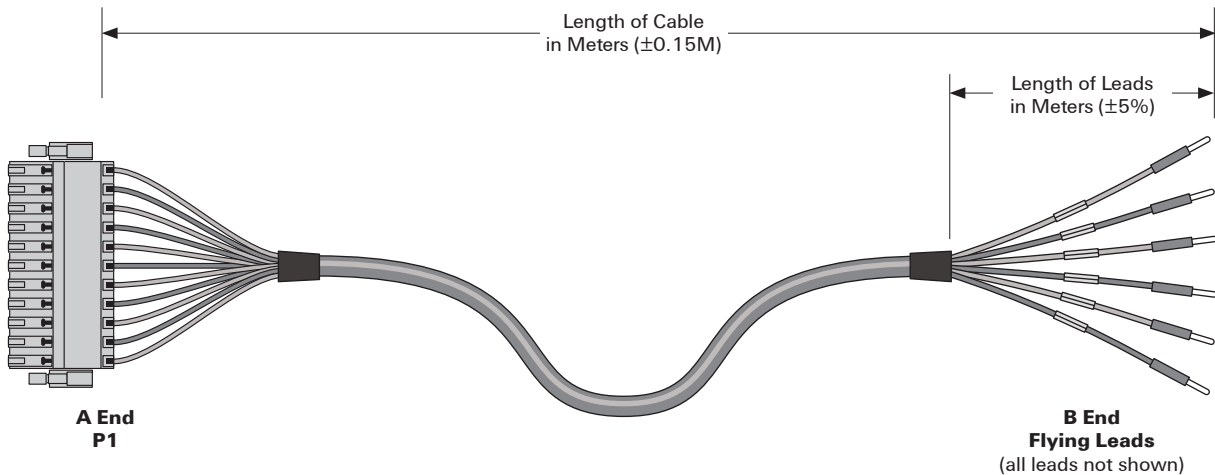
Select the cable configuration that best fits your application

Weidmuller has teamed with designers to provide a simple and easy solution to migrate your control system. This migration system features universal card adaptors and engineered cables.

On Weidmuller.com, we provide you with these components and the information needed to design your migration bill of materials:

- Engineered Cables**
These special cables are designed and built to make the migration of your PLC simple and easy. A handy cable designer utility, the Migration Cable Configurator, has been developed to make cable design, selection, and cost evaluation straightforward and fast.

To start designing your migration system, visit: www.weidmuller.com/migration



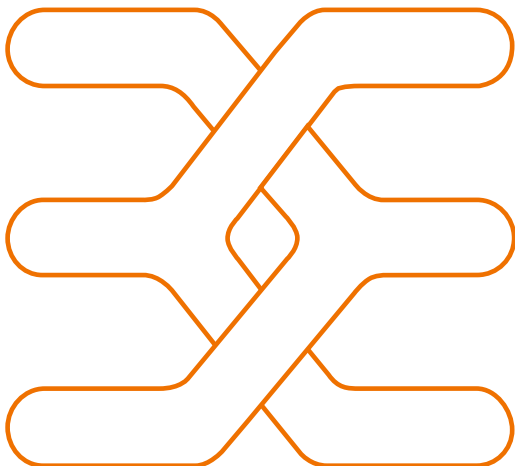
Example: MCP52FFL101812010

MC		P52		FFL		10		18		12		010	
Marshalling Cable PLC5		Cable Entry, A End		Lead Type, B End		Length of Leads, B End*		Wire AWG		No. of Wires		Length of Cable in Meters*	
P51		10 Terminal Points		FFL Ferruled Flying Leads		03 0.3 meters		22 22 AWG		10 10 Points		1.5 1.5 meters	
P52		12 Terminal Points		BFL Blunt-End Flying Leads		05 0.5 meters		18 18 AWG		12 12 Points		005 5.0 meters	
P53		18 Terminal Points		TFL Tinned Flying Leads		10 1.0 meters				18 18 Points		010 10.0 meters	
P54		21 Terminal Points		RFL Ring Lug Flying Leads		99 9.9 meters				21 21 Points		100 100.0 meters	
P55		40 Terminal Points								40 40 Points			

*Note: Lengths can be customized to your needs

Not migrating from a PLC 5 1771 platform? Contact your Weidmuller representative. We have the knowledge and technology to help migrate other legacy control systems.

Weidmuller – your system migration solution expert!



Weidmuller is the leading manufacturer of components for electrical connection technology to transmit energy, signals and data. The Weidmuller product portfolio ranges from terminal blocks, PCB connectors and terminals, protected components, Industrial Ethernet components, I/O components and relay sockets to power supplies and over-voltage protection modules suitable for all applications. Assemble Services, marking solutions with a variety of tools and software systems, round off the range. As an OEM supplier, the company sets global standards in the field of electrical connection technology.

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