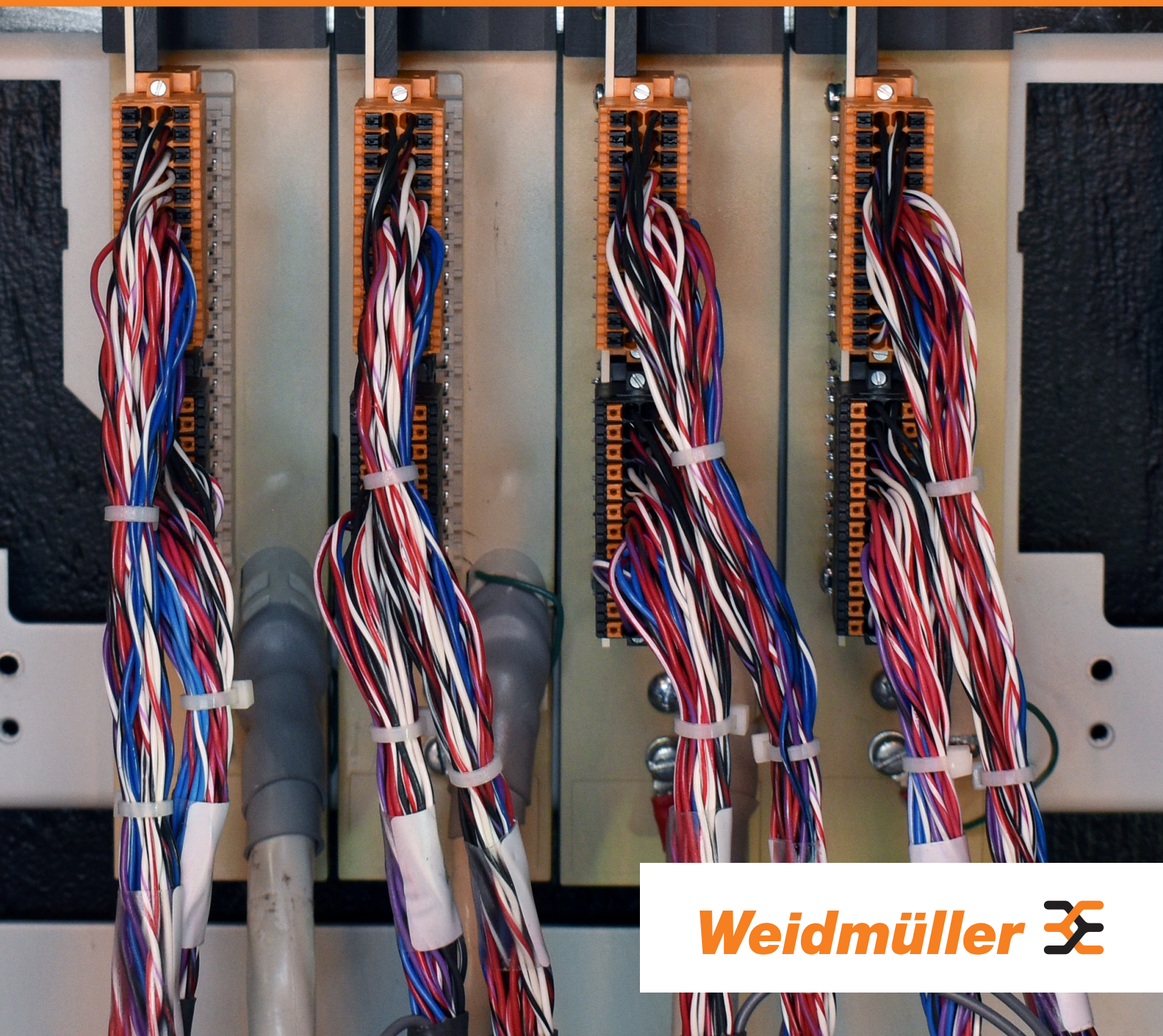


Control System Migration — Siemens Moore APACS A universal conversion platform for legacy DCS Systems

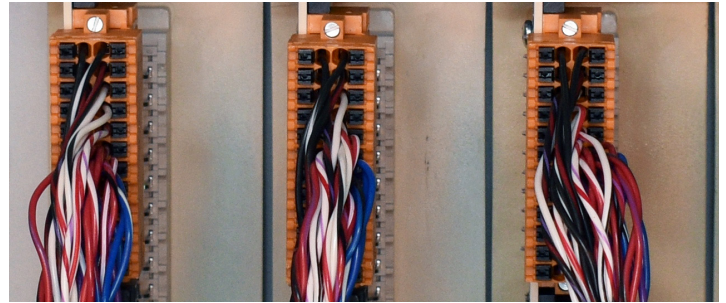
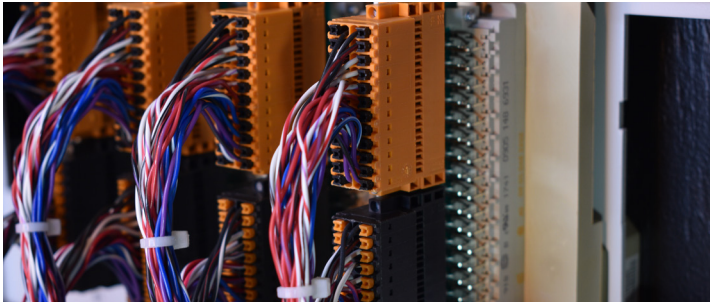
Migration Solutions



Weidmüller 

Streamline Your DCS Migration

Weidmüller's universal conversion/migration platform will substantially reduce the time and expense of updating your legacy **Siemens Moore APACS** system to any new DCS.



Global approvals



The card adapter is cURus as well as Class 1 Division 2 approved and the certified cables are UL and CSA listed. In addition, the cables are RoHS and FT4 rated at 300V.

Uniquely designed solution

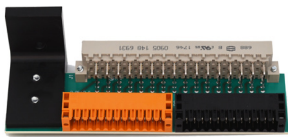
The key to Weidmüller's migration platform is in the design. It permits your existing field wiring to remain in place and undisturbed on the front panel adapter and eliminates the need to wire-trace or ring-out.

Compatibility means flexibility

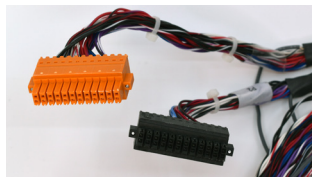
The assembly is a universal conversion/migration system for all legacy Siemens Moore APACS systems, enabling you to seamlessly migrate to any new control system.

Minimal components maximize migration efficiency

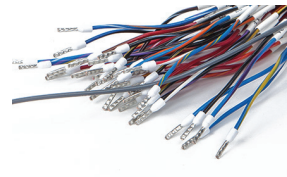
Weidmüller's migration solution includes a 48-point card adapter and a standard cable harness. Custom cable options are available on request at www.weidmuller.com/migration.



Card Adapter



Two 24-Pin Connectors



Flying Ferrule Leads



UL & CSA
Approved Cables

Benefits

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

Migrate and test in hours, not weeks.

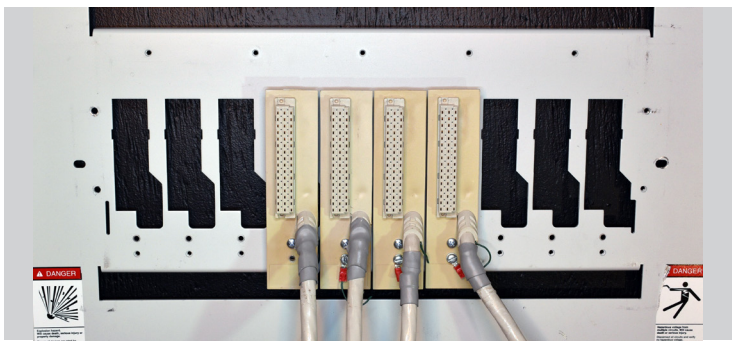
Here's how easy it is to migrate from your current DCS by using Weidmüller's patented migration platform:

Start



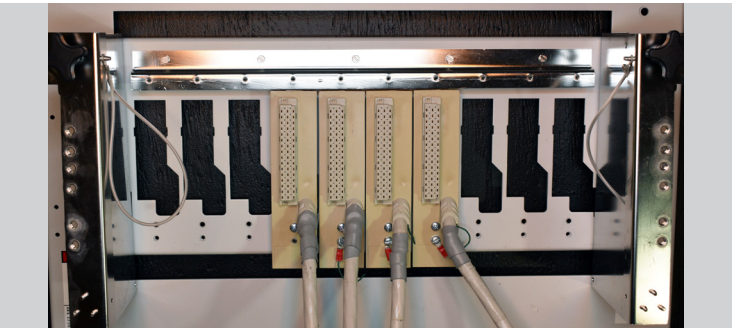
Existing Siemens Moore APACS system

Step 1



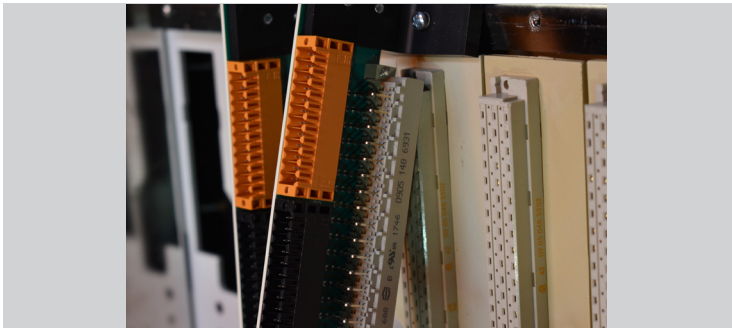
Remove all parts from Modulrac (I/O module, metal frame and MBUS Board) leaving only I/O connectors

Step 2



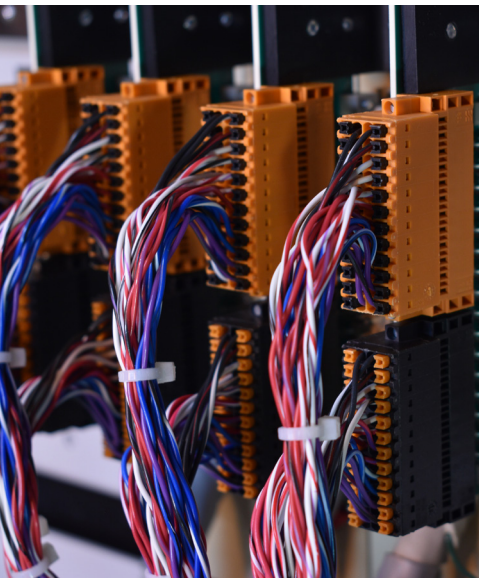
Install Adapter rack

Step 3



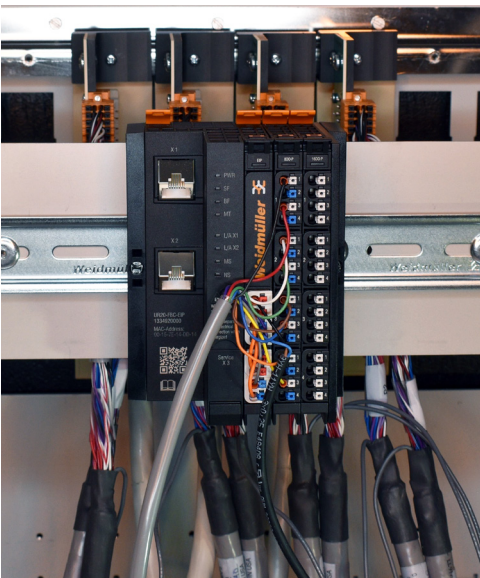
Install the Weidmüller Adapters

Step 4



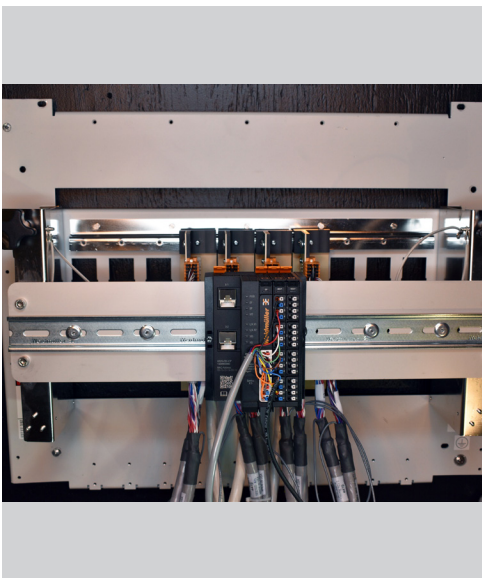
Connect cable with connector to Weidmüller Adapters

Step 5



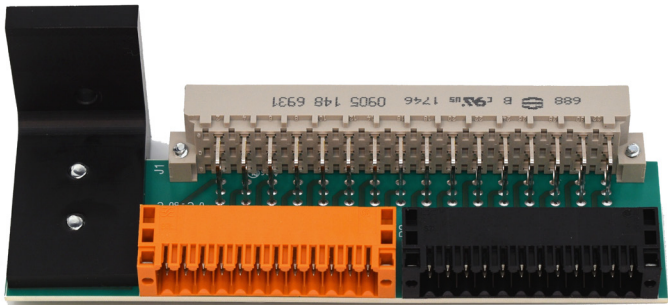
Connect other side of cable to new system

Finished



Completed and migrated DCS system

Siemens Moore APACS Universal Card Adapter



Features

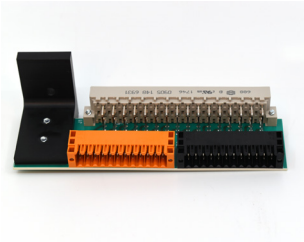
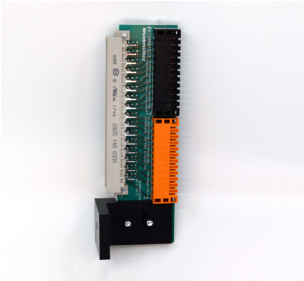
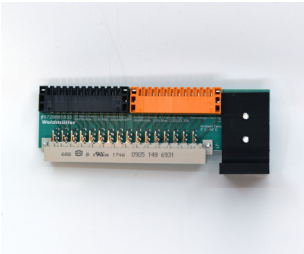
- 48-point cards
- Feed-through connections
- Siemens Moore APACS conversion to pluggable connector

Ordering data

Model	Qty	Order Number
48-point Siemens Moore APACS	1	7940121185

Technical data

Connection data		
Original Field Wire Adapter	DIN 41612 Type E Connector 48 Pin	
Weidmüller Migration Adapter	3.5 pitch S2L headers Two B2CF plugs with PUSH IN connection (Order Number: 1277970000 Black) (Order Number: 1277780000 Orange)	
Rated data		
Rated voltage	125VAC/125VDC max.	
Max. current per channel	Ordinary Locations	Hazardous Locations
	3A per point max. at 12 channels 36 Amps per whole assembly	3A per point max. at 8 channels 24 Amps per whole assembly
Operating temperature	0°C to 50°C	
Storage temperature	-30°C to 70°C	
Approvals		
Standards	cURus (E141197), Class 1 Division 2, Groups A, B, C, D T4A (E324123)	
Physicals		
	Designed to fit in existing I/O chassis	
Note:	Cabling not included	

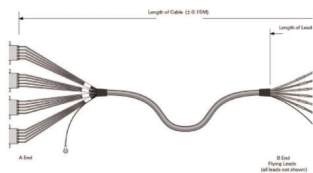


Accessories

Type	Qty	Order Number
Siemens Moore APACS Adapter Rack	1	7508002174

Migration Cables

Select the cable configuration that best fits your application



Migration Cable Configurator

Customize your migration cable options

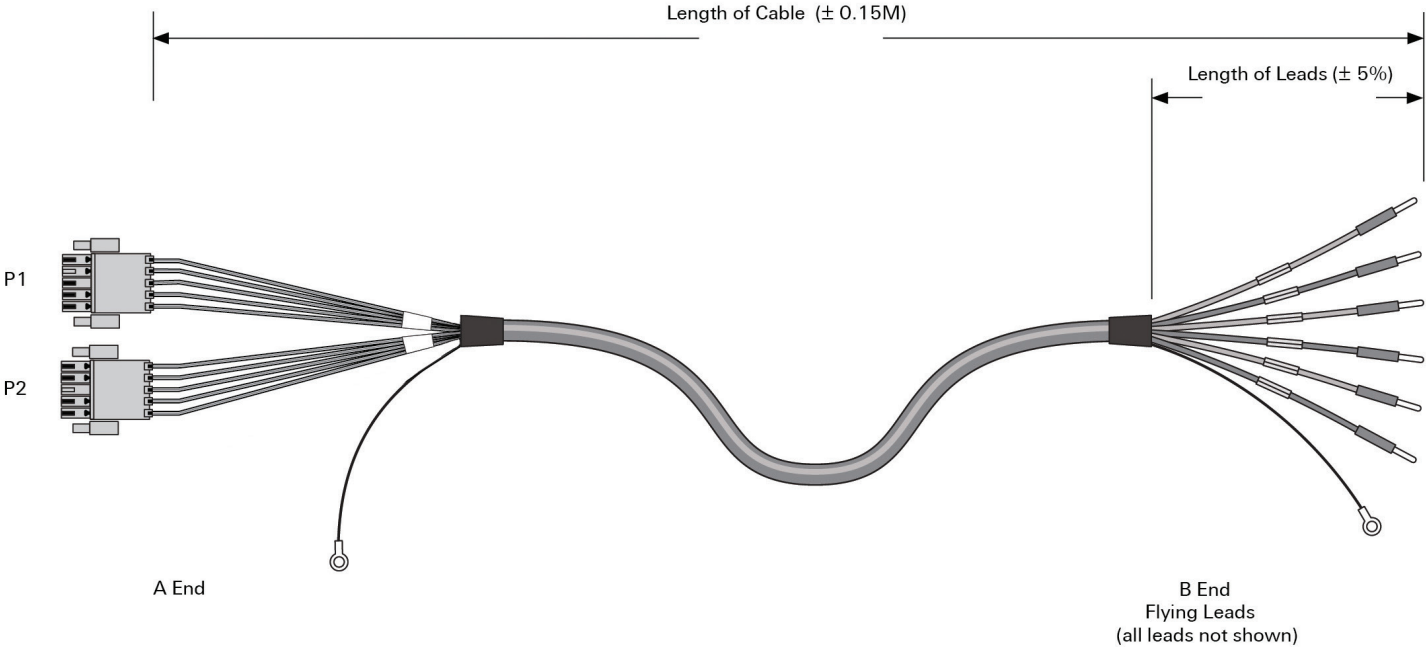
MIGRATION CABLE CONFIGURATOR

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

Weidmüller can provide you with the components and information needed to design your migration bill of materials. To start designing your migration system, visit: www.weidmuller.com/migration

Engineered Cables

Specially engineered cables are designed and built to make the migration of your DCS simple and easy. The Migration Cable Configurator, a handy cable designer utility, is available to make cable design, selection, and cost evaluation straightforward and fast.



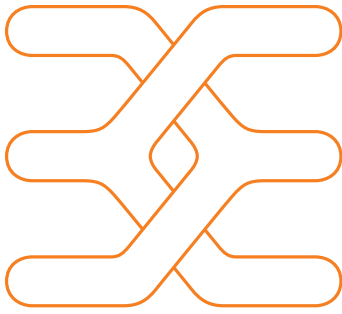
Example: SA1 - FFL10 - 22 - 010

SA1 - FFL 10 - 22 - 010

Marshalling Cable Siemens Moore APACS 48 Terminal Points	Flying Leads Type, B End		Flying Leads Length, B End*		Wire AWG		Length of Cable in Meters*	
	FFL	Ferruled Flying Leads	03	0.3 meters	22	22 AWG	1.5	1.5 meters
	BFL	Blunt-End Flying Leads	•	•			•	•
	TFL	Tinned Flying Leads	10	1.0 meters			005	5.0 meters
	RFL	Ring Lug Flying Leads	•	•			•	•
			99	9.9 meters			010	10.0 meters
							•	•
							100	100.0 meters

* Notes:

- Lengths are customizable to your needs
- Custom cables are available on request



Weidmüller – Your partner in Industrial Connectivity

Weidmüller is the leading manufacturer of components for electrical connection technology to transmit energy, signals and data.

The Weidmüller 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. Assembly services, and 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. Let's connect.

Weidmuller, Ltd
10 Spy Court
Markham, Ontario L3R 5H6
Telephone: (800) 268-4080
Email: orders_can@weidmueller.com
Website: www.weidmuller.ca

Weidmuller, SA de CV
Bvd. Hermanos Serdán 698,
Col. San Rafael Oriente
Puebla, Puebla, Mexico C.P. 72029
Telephone: 01 222 2686267
Email: clientes@weidmueller.com
Website: www.weidmuller.com.mx

Weidmuller, Inc.
821 Southlake Blvd.
Richmond, Virginia 23236
Telephone: (800) 849-9343
Email: info@weidmuller.com
Website: www.weidmuller.com

2/21 LIT1953

Let's connect

www.weidmuller.com

Weidmüller 