

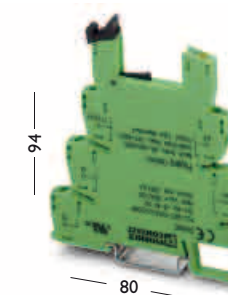
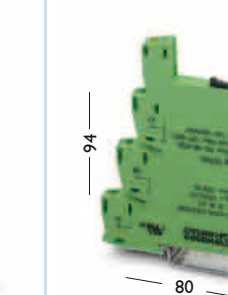
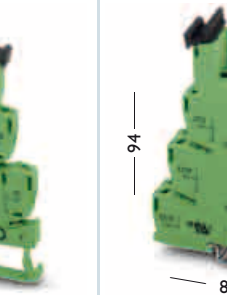
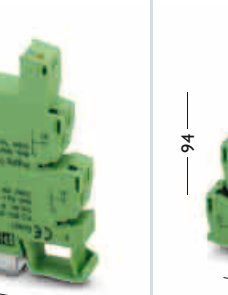
Universal series

Note:
Other versions available on request

¹⁾For possible configurations, see the relay and solid-state relay table to the lower right.

Description	Electromechanical relays										Solid-state relays																																																															
	Terminal width 6.2		Terminal width 6.2		Terminal width 14		Terminal width 14		Terminal width 14		Terminal width 6.2		Terminal width 6.2		Terminal width 6.2		Terminal width 6.2		Terminal width 6.2		Terminal width 6.2																																																					
PLC-R.../21	PLC-R.../21AU		PLC-R.../21-21		PLC-R.../21-21AU		PLC-R.../21HC		PLC-O.../48DC/100		PLC-O.../24DC/2		PLC-O.../230AC/1		PLC-O.../300DC/1		PLC-O.../48DC/500/W		PLC-O.../24DC/24DC/10/R		PLC-O.../24DC/100KHZ		PLC-O.../24DC/100KHZ-G		PLC-B...UC/21/SO46 ¹⁾		PLC-B...UC/1/SEN/SO46 ¹⁾		PLC-BSC...UC/21-21/SO46 ¹⁾		PLC-BSC...UC/21/HC/SO46 ¹⁾																																											
Maximum switching voltage	250 V AC/DC		30 V AC/36 V DC		250 V AC/DC		30 V AC/36 V DC		250 V AC/DC		48 V DC		33 V DC		253 V AC		48 V DC		33 V DC		24 V DC		24 V DC		24 V DC		The technical data depends on the assembly type (relay or solid-state relay)		The technical data depends on the assembly type (relay or solid-state relay)		The technical data depends on the assembly type (relay)		The technical data depends on the assembly type (relay)																																									
Limiting continuous current	6 A		50 mA		6 A		50 mA		10 A		3 A		100 mA		300 V DC		500 mA		10 A		50 mA		10 A		The technical data depends on the assembly type (relay or solid-state relay)		The technical data depends on the assembly type (relay or solid-state relay)		The technical data depends on the assembly type (relay)		The technical data depends on the assembly type (relay)																																											
Connection method:	Screw connection		Spring-cage connection		Push-in connection (PT)		Screw connection		Spring-cage connection		Push-in connection (PT)		Screw connection		Spring-cage connection		Push-in connection (PT)		Screw connection		Spring-cage connection		Push-in connection (PT)		Screw connection		Spring-cage connection		Push-in connection (PT)		Screw connection		Spring-cage connection		Push-in connection (PT)																																							
Input voltage	5 V DC		12 V DC		24 V DC		24 V AC/DC		48 V DC		60 V DC		110 V DC		120 V AC		120 V AC/DC		125 V DC		220 V DC		230 V AC		230 V AC/DC		2966207		2966537		2900305		2966294		2966647		2900311		2967099		2912552		2900336		2967141		2912620		2900343		2967675		2912329		2900297		2966757		2967565		2900356		2966663		2967497		2900368		2967882		2967934		2900374	

Filter series - for disturbances caused by AC leakage currents/long cables

Electromechanical relays/solid-state relays	
	
	

Actuator series

Note:
Other versions available on request

Description	Electromechanical relays				Solid-state relays			
	Terminal width 6.2		Terminal width 14		Terminal width 6.2		Terminal width 6.2	
PLC-R.../1/ACT	PLC-R.../1IC/ACT		PLC-O.../24DC/2/ACT		PLC-OSC.../230AC/1/ACT		PLC-R.../1AU/SEN	
Maximum switching voltage	250 V AC/DC		250 V AC/DC		33 V DC		253 V DC	
Limiting continuous current	6 A		10 A		3 A		50 mA	
Connection method:	Screw connection		Spring-cage connection		Push-in connection (PT)		Screw connection	
Input voltage	5 V DC		24 V DC		48 V DC		120 V AC/DC	

Sensor series

Description	Electromechanical relays		Solid-state relays	
	Terminal width 6.2		Terminal width 6.2	
PLC-R.../1AU/SEN	PLC-O.../48DC/100/SEN		PLC-S...ELR W 1/2-24DC	
Maximum switching voltage	30 V AC/36 V DC		48 V DC	
Limiting continuous current	50 mA		100 mA	
Connection method:	Screw connection		Spring-cage connection	
Input voltage	5 V DC		24 V DC	

Reversing load relays

Description	Solid-state relays	
	Terminal width 6.2	
PLC-S...ELR W 1/2-24DC	PLC-S...S/L	
Maximum switching voltage	30 V DC	
Limiting continuous current	2 A	
Connection method:	Screw connection	
Input voltage	24 V AC/DC	

Switch modules

Description	For "manual-0-automatic" mode	
	Terminal width 6.2	
PLC-RS.../24UC/1/S...	PLC-S...S/L	
Maximum switching voltage	24 V AC/DC	
Limiting continuous current	6 A	
Connection method:	Screw connection	
Input voltage	24 V AC/DC	

Adapters for PLC-INTERFACE

Description	For connection with system cabling	
	Terminal width 6.2	
REL-MR...21	REL-MR...-21-21	
Maximum switching voltage	24 V AC/DC	
Limiting continuous current	6 A	
Connection method:	Screw connection	
Input voltage	24 V AC/DC	

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Further information on the products presented here and on the world of solutions from Phoenix Contact can be found at www.phoenixcontact.net/catalog



Or contact us directly.

Modular Terminal Blocks
CLIPLINE 1

Marking Systems, Tools, and Mounting Material
CLIPLINE 2

Connection Technology for Field Devices and Field Cabling
PLUSCON

Device Connection Technology and Electronic Housings
COMBICON

Power and Signal Quality
TRABTECH

Signal Converters, Switching Devices, Power Supply Units
INTERFACE

Automation Components and Systems
AUTOMATION

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www.phoenixcontact.com



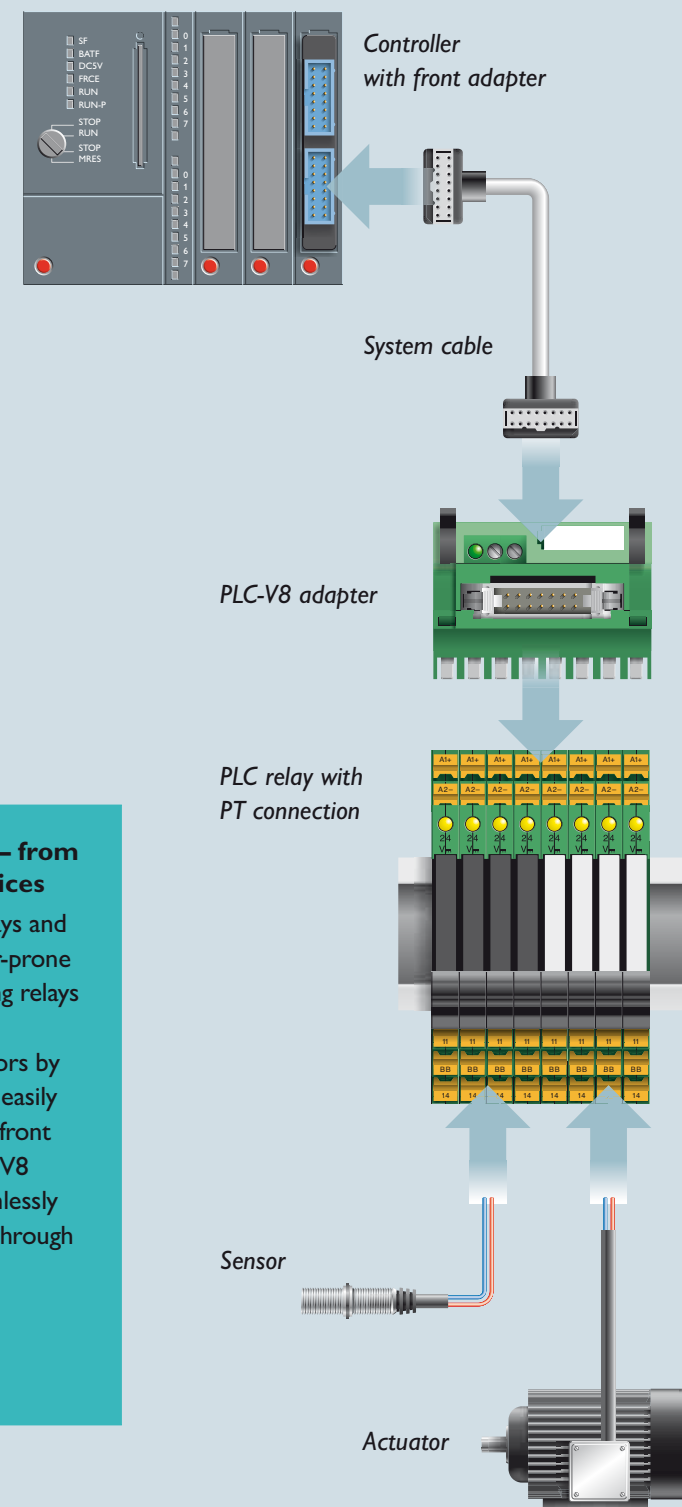
PLC-INTERFACE

The complete relay system

The PLC-INTERFACE relay system from Phoenix Contact acts as the high-performance interface between the controller and system I/O devices. PLC-INTERFACE provides you with a comprehensive range of ultra-narrow, plug-in relays and solid-state relays, plus a complete range of accessories. In addition, PLC sensor/actuator versions, switch modules, and filter series always provide the right interface for special applications. PLC-INTERFACE plus system cabling – fast plug-in connection of the controller and I/O devices.

Straightforward connection – from the controller to the I/O devices
Save time and costs with PLC relays and system cabling compared to error-prone individual wiring. Use PLC coupling relays with PT technology for the direct connection of sensors and actuators by simply inserting them quickly and easily without tools. Together with the front adapters, system cables, and PLC-V8 adapters, your wiring can be seamlessly plugged in – from the controller through to the I/O devices.

Choice of connection methods
Available with screw, spring-cage or PT connection



Choice of connection methods
Available with screw, spring-cage or PT connection



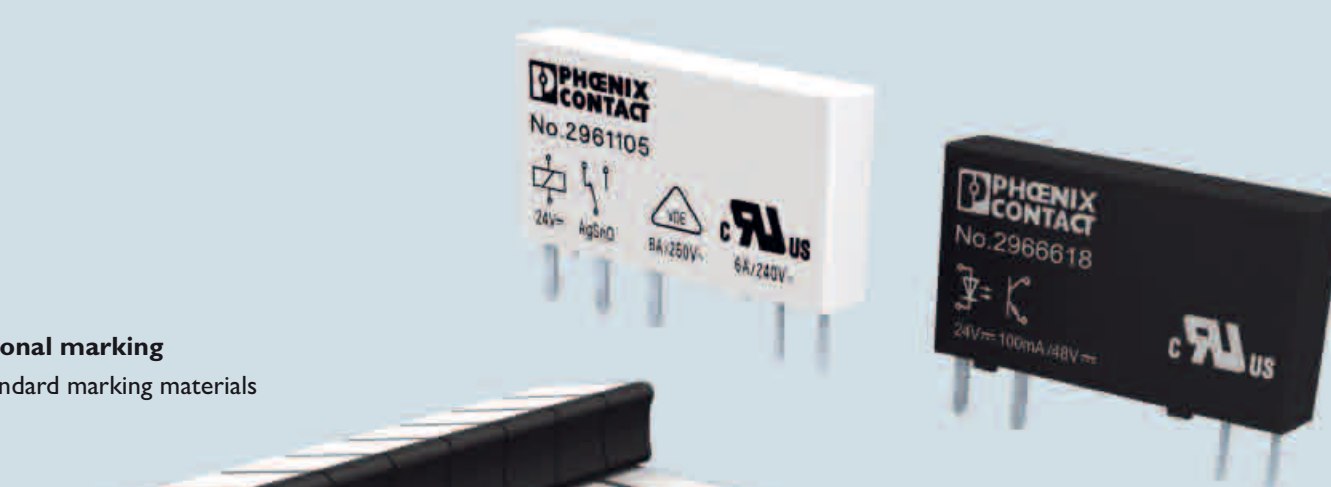
PLC-INTERFACE with push-in terminal

This new spring-cage connection technology enables easy, direct connection without tools, even with smaller conductors from 0.34 mm². They are distinguished by a high level of contact quality and low insertion forces. This facilitates quick, user-friendly, and secure wiring. To release the conductor, activate the release button with a screwdriver or ballpoint pen.

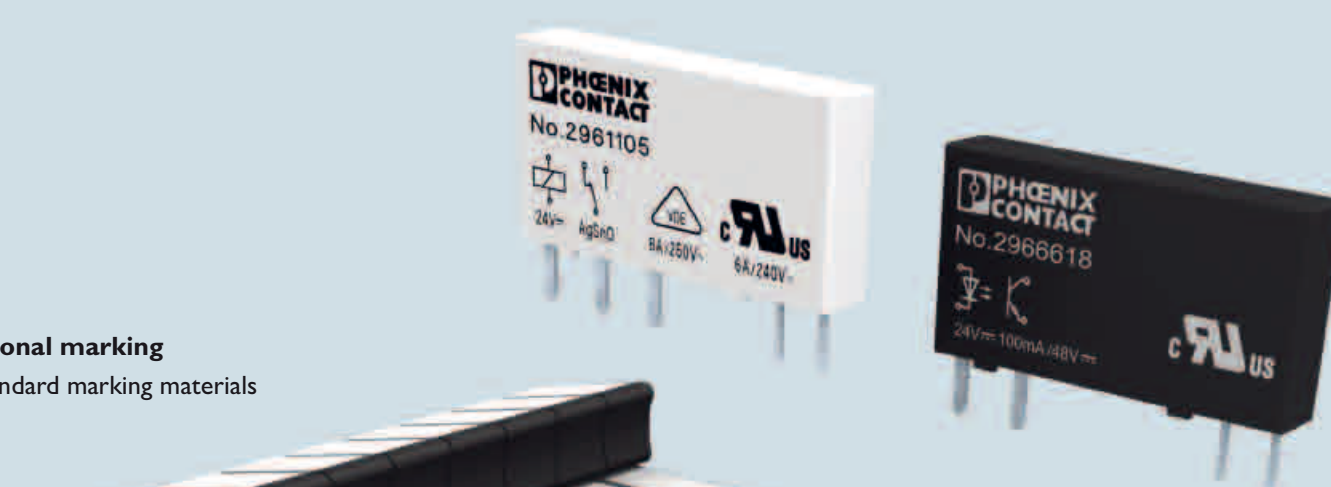
Professional marking
With standard marking materials



LED status indicator
Monitoring at a glance



Relay/solid-state relay
Easy to replace



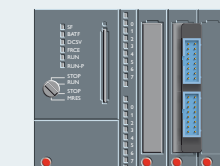
Plug-in bridges instead of wiring
Potential distribution saves time. Continuous bridge also suitable for mixed 6.2 mm/14 mm PLC structures.

Compact, space-saving housing
Only 6.2 mm and/or 14 mm wide

Integrated input circuit and protective circuit
No external wiring required

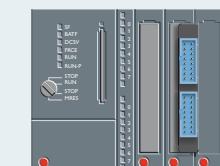
You can find more information about system cabling with PLC-INTERFACE and INTERFACE Cabling in our catalog or at www.phoenixcontact.com

PLC-INTERFACE series



PLC sensor and PLC actuator series

- Enormous savings in terms of time, space, and costs
- All connections for sensors and actuators directly on the coupling relay
- No additional modular terminal blocks for supply (sensor version) and output (actuator version)
- Available with screw, spring-cage or PT connection (same shape)
- With plug-in relay (white) or solid-state relay (black)



PLC universal series

- Can be used universally as input or output interface
- Available with screw, spring-cage or PT connection (same shape)
- With plug-in relay (white) or solid-state relay (black)
- Connection of sensors/actuators via modular terminal blocks

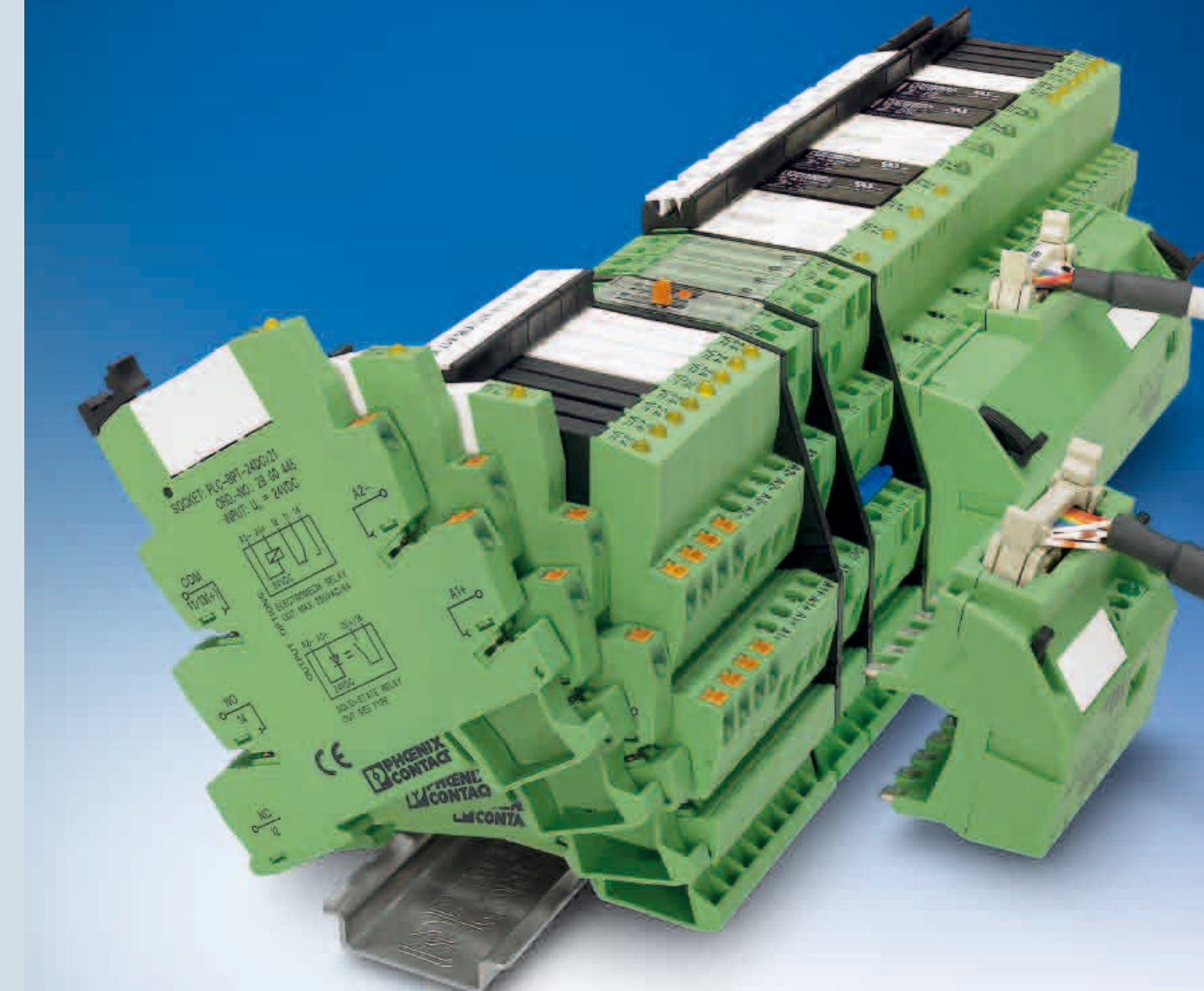
PLC-INTERFACE accessories - the complete range



- 1 Continuous or 2-pos. plug-in bridges
- 2 Power terminal
- 3 Labeling/markings
- 4 Partition plate
- 5 Relay and solid-state relay (plug-in)
- 6 PLC-V8 adapter for connection with system cabling

PLC-INTERFACE series for special applications

- **PLC railway** with extended temperature and input voltage range plus vibration resistance
- **PLC with integrated filter** for disturbances caused by AC leakage currents/long cables
- **PLC for high inrush or continuous currents** with lamp loads or electric heating systems
- **PLC-NAMUR** for NAMUR proximity sensors
- **PLC reversing load relay** for switching, reversing, and braking DC motors
- **PLC switch module** for MANUAL-0-AUTOMATIC functions



PLC-INTERFACE

The complete relay system

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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