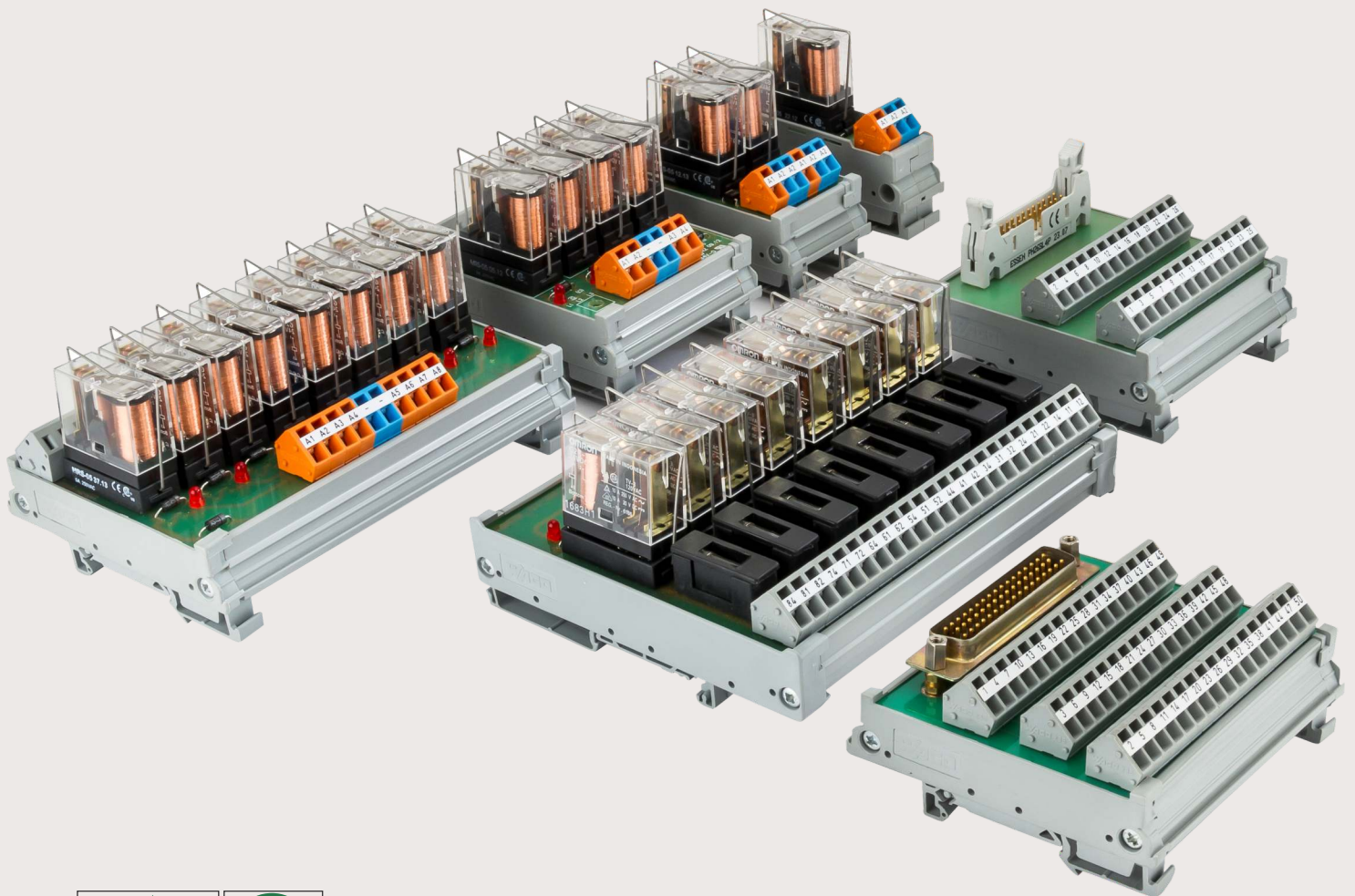
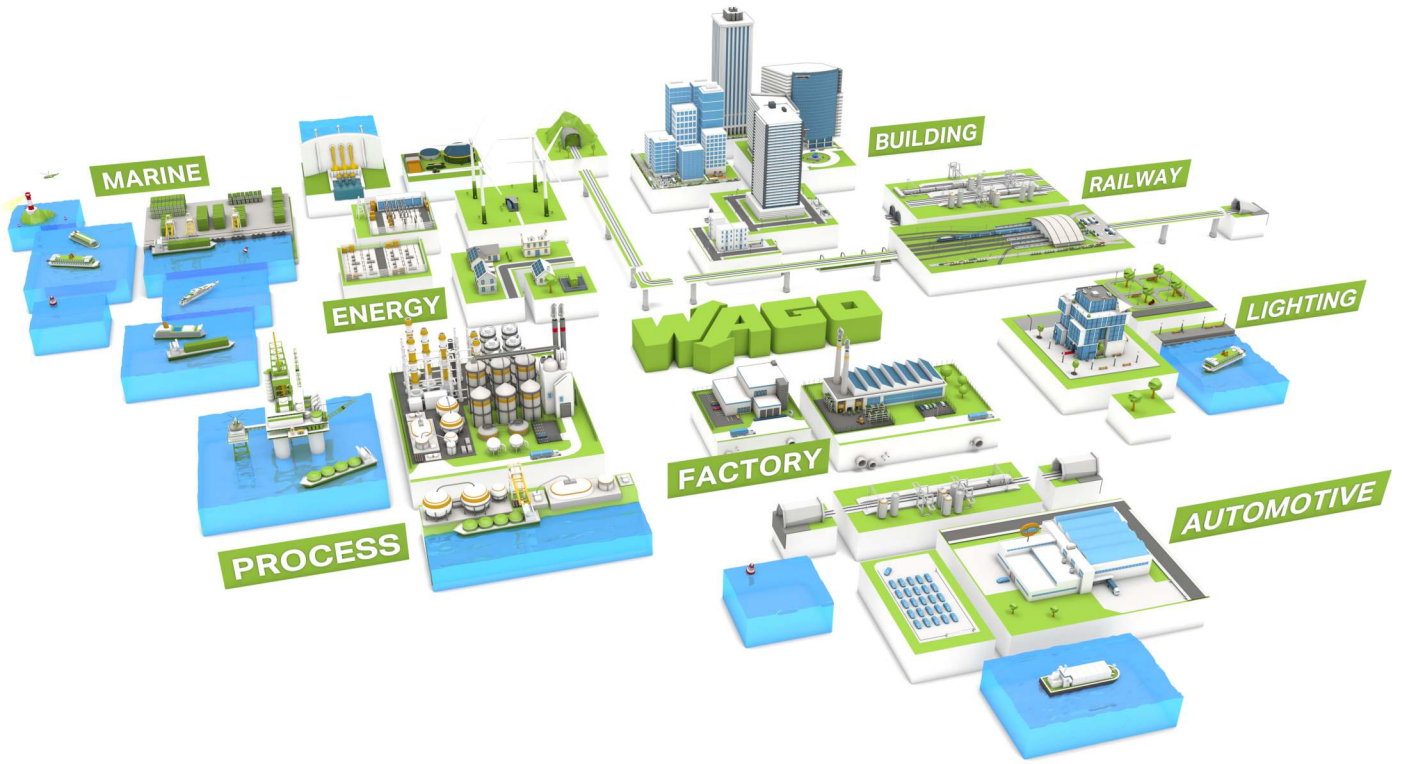




Relays & Interface Modules





Reliable solutions for a rapidly changing world

WAGO delivers safe, reliable, simple and efficient electrical interconnections and automation solutions across industries. Advanced design principals and integrated quality control procedures make WAGO products sustainable even under most challenging operating environments.



WAGO CAGE CLAMP® CONNECTION TECHNOLOGY

As the world leader in spring pressure connection technology, WAGO offers the perfect connection system to meet your specific needs.

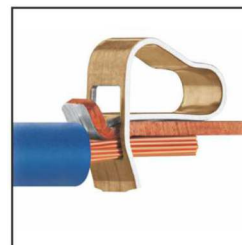
As early as 1951, WAGO implemented the concept of using spring pressure instead of screws to connect conductors. The “WAGO Connector” was the world’s first PUSH WIRE® connector for junction boxes. With the invention of the CAGE CLAMP®, we set new standards that we are continually expanding and optimizing. Using WAGO’s connection technology, you benefit from vibration-proof, fast and maintenance-free connections.

Your benefits:

- Shorter wiring times to reduce your labor costs
- Faster commissioning reduces upfront costs, and maintenance-free connections provide long-term savings
- Maintenance-free spring pressure connection technology: Greater system uptime and equipment reliability
- Rugged design: Products with CAGE CLAMP® technology can also be used in harsh environments – anywhere in the world



PUSH-IN CAGE CLAMP®

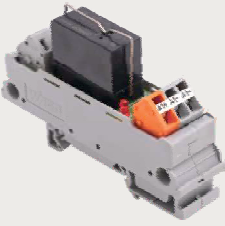
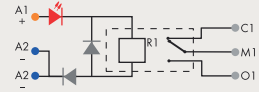
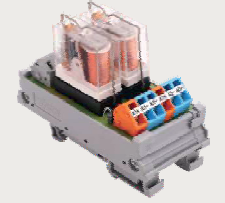
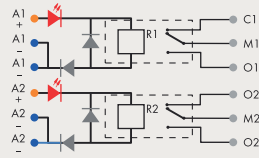
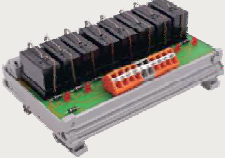
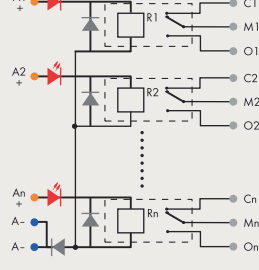

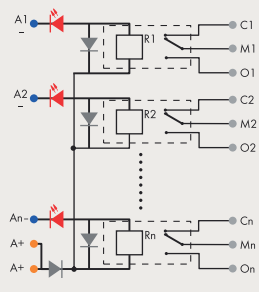

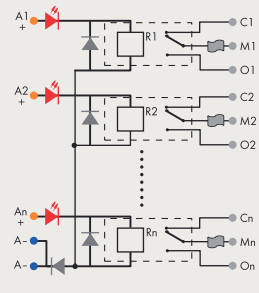


CAGE CLAMP®


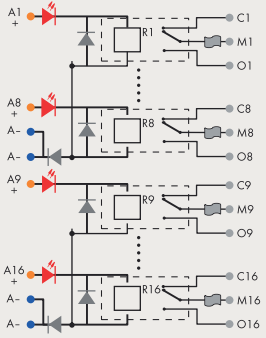
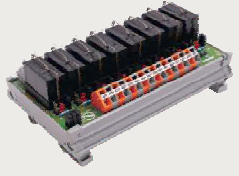
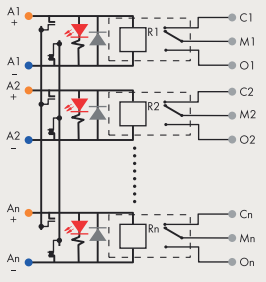
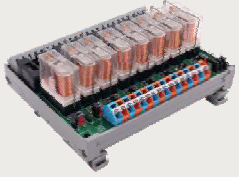
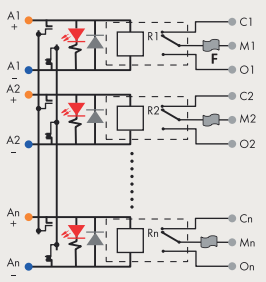
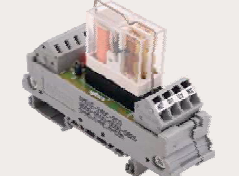
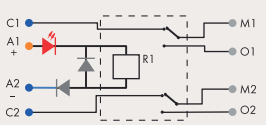
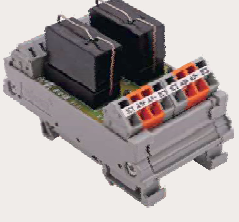
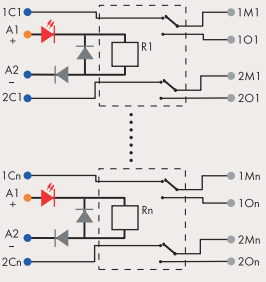


POWER CAGE CLAMP®

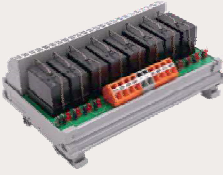
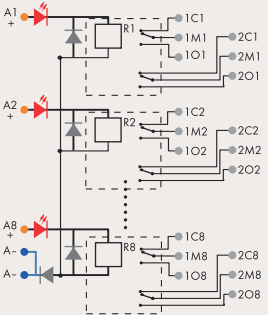
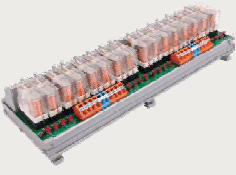
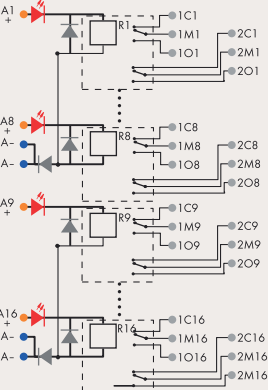
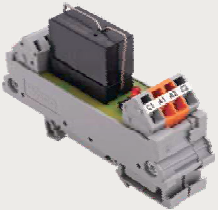
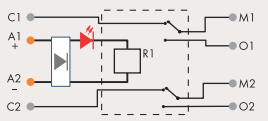
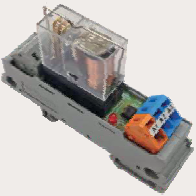
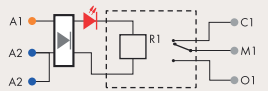
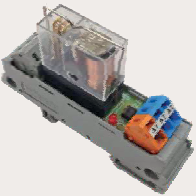
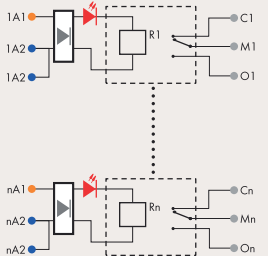
RELAY MODULES

Image	Circuit Diagram	Item Number	Item Name	Relay Count	Functional Description	Dimensions (L x W) (mm)
RELAY MODULES WITH OEN/OMRON DC RELAYS						
		8000-0100/0000-0823	RM01E-24DC-1CO	1	<ul style="list-style-type: none"> Coil Voltage: 24 DC Contacts: 1 Changeover 	20.5 x 85
		8002-0100/0000-0839	RM01L-24DC-1CO			
		8000-0100/0000-0852	RM02E-24DC-1CO	2	<ul style="list-style-type: none"> Individually functioning relays 	38 x 85
		8000-0100/0000-0851	RM02E-24DC-N-1CO	2	<ul style="list-style-type: none"> Coil Voltage: 24 DC Contacts: 1 Changeover With negative looping 	38 x 85
		8002-0100/0000-0840	RM02L-24DC-N-1CO			
		8002-0100/1000-0630	RM04E-24DC-N-1CO	4		64 x 85
		8002-0100/0000-0841	RM04L-24DC-N-1CO			
		8000-0100/0000-0815	RM08E-24DC-N-1CO	8		128 x 85
		8002-0100/1000-0088	RM16E-24DC-N-1CO	16		
		8002-0100/0000-0824	RM16L-24DC-N-1CO			
		8000-0100/0000-1398	RM04E-24DC-P-1CO	4	<ul style="list-style-type: none"> Coil Voltage: 24 DC Contacts: 1 Changeover 	64 x 85
		8002-0100/1000-0085	RM04L-24DC-P-1CO			
		8000-0100/0000-1399	RM08E-24DC-P-1CO	8	128 x 85	
		8002-0100/1000-0086	RM08L-24DC-P-1CO			
		8000-0100/0000-0813	RM04E-24DC-NF-1CO	4	<ul style="list-style-type: none"> Coil Voltage: 24 DC Contacts: 1 Changeover With negative looping 	64 x 106
		8002-0100/1000-0437	RM04L-24DC-NF-1CO			
		8000-0100/0000-0818	RM08E-24DC-NF-1CO	8	128 x 106	
		8002-0100/1000-0436	RM08L-24DC-NF-1CO			

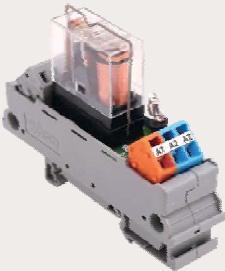
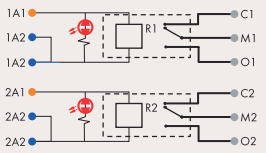
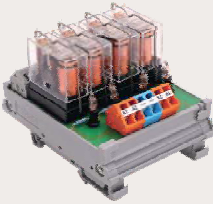
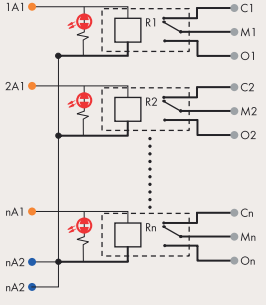

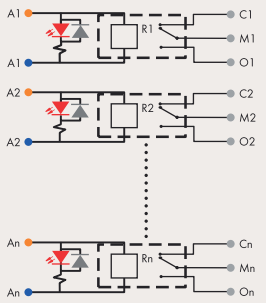
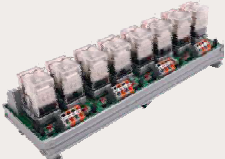
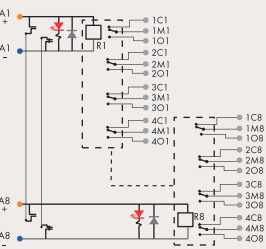
RELAY MODULES

Image	Circuit Diagram	Item Number	Item Name	Relay Count	Functional Description	Dimensions (L x W) (mm)
RELAY MODULES WITH OEN/OMRON DC RELAYS						
		8000-0100/0000-1229	RM08E-24DC-NF-1CO/2RS	16	<ul style="list-style-type: none"> Coil Voltage: 24 DC Contacts: 1 Changeover With negative looping With fuses (5x20mm; glass fuse) in contact common path 	254 x 106
		8002-0100/1000-0226	RM08L-24DC-NF-1CO/2RS			
		8000-0100/0000-0858	RM04E-24DC-J-1CO	4	<ul style="list-style-type: none"> Coil Voltage: 24 DC Contacts: 1 Changeover 	68 x 85
		8002-0100/1000-0227	RM04L-24DC-J-1CO			
		8002-0100/1000-0629	RM08E-24DC-J-1CO	8	<ul style="list-style-type: none"> Jumper provision for coil voltage looping selection 	134 x 85
		8002-0100/1000-0230	RM08L-24DC-J-1CO/2RS	16		266 x 85
		8000-0100/0000-1230	RM04E-24DC-JF-1CO	4	<ul style="list-style-type: none"> Coil Voltage: 24DC Contacts: 1 Changeover Jumper provision for coil voltage looping selection 	78 x 106
		8000-0100/0000-0821	RM08E-24DC-JF-1CO			
		8002-0100/1000-0232	RM08L-24DC-JF-1CO	8	<ul style="list-style-type: none"> With fuses (5x20mm; glass fuse) in contact common path 	134 x 106
		8000-0100/0000-0826	RM01E-24DC-2CO	1		23.5 x 85
		8002-0100/0000-0807	RM01L-24DC-2CO			
		8000-0100/0000-0827	RM01E-24DC-2CO/2RS	2	<ul style="list-style-type: none"> Coil Voltage: 24 DC Contacts: 2 Changeover 	45 x 85
		8002-0100/0000-0808	RM01L-24DC-2CO/2RS			
		8000-0100/0000-0828	RM04E-24DC-2CO	4	<ul style="list-style-type: none"> Individually functioning relays 	86 x 85
		8002-0100/0000-0809	RM04L-24DC-2CO			
		8002-0100/0000-0810	RM04L-24DC-2CO/2RS			

RELAY MODULES

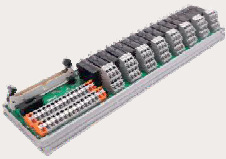
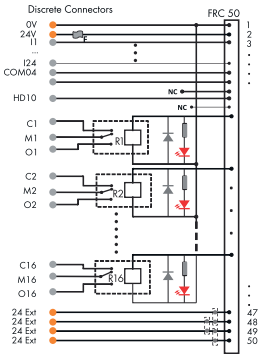
Image	Circuit Diagram	Item Number	Item Name	Relay Count	Functional Description	Dimensions (L x W) (mm)
RELAY MODULES WITH OEN/OMRON DC RELAYS						
		8002-0100/0000-0736	RM04L-24DC-N-2CO	4		70 x 85
		8000-0100/0000-0829	RM08E-24DC-N-2CO	8	<ul style="list-style-type: none"> Coil Voltage: 24 DC Contacts: 2 Changeover 	128 x 85
		8002-0100/0000-0737	RM08L-24DC-N-2CO			
		8000-0100/0000-1221	RM08E-24DC-N-2CO/2RS	16	<ul style="list-style-type: none"> With negative looping 16 channel module is combination of 2 X 8 Channel relay station 	254 x 85
		8002-0100/0000-0738	RM08L-24DC-N-2CO/2RS			
		RELAY MODULES WITH OEN/OMRON 24UC RELAYS				
		8000-0100/0000-0844	RM01E-24UC-2CO	1	<ul style="list-style-type: none"> Coil Voltage: 24 AC/DC Contacts: 2 Changeover 	23.5 x 85
		8002-0100/0000-0914	RM01L-24UC-2CO			
		8000-0100/0000-0833	RM01E-24UC-1CO	1	<ul style="list-style-type: none"> Coil Voltage: 24 AC/DC Contacts: 1 Changeover 	20.5 x 85
<p>Note - All above relay modules are DIN rail mountable and are lead (Pb) free. Critical components <i>i.e.</i> relays and fuses (wherever applicable) are pluggable. Termination is provided on WAGO Cage Clamp® (Screwless connectors).</p>						
RELAY MODULES WITH OMRON G2R SERIES AC RELAYS						
		8000-0100/0000-1235	RM01R-110UC-1CO	1	<ul style="list-style-type: none"> Coil Voltage: 110 AC/DC Contacts: 1 Changeover Individually functioning relays 	20.5 x 85

RELAY MODULES




Image	Circuit Diagram	Item Number	Item Name	Relay Count	Functional Description	Dimensions (L x W) (mm)
RELAY MODULES WITH OMRON G2R SERIES AC RELAYS						
		8000-0100/0000-0840	RM01R-230AC-1CO	1	<ul style="list-style-type: none"> Coil Voltage: 230 AC Contacts: 1 Changeover 	20.5 x 85
		8000-0100/0000-1237	RM01R-230AC-1CO/2RS	2	<ul style="list-style-type: none"> Individually functioning relays 	39 x 85
		8000-0100/0000-0841	RM04R-230AC-N-1CO	4	<ul style="list-style-type: none"> Coil Voltage: 230 AC Contacts: 1 Changeover 	68 x 85
		8000-0100/0000-0842	RM08R-230AC-N-1CO	8	<ul style="list-style-type: none"> With neutral looping 16 channel module is combination of 2 X 8 Channel relay station 	128 x 85
		8000-0100/0000-1238	RM8R-230AC-N-1CO/2RS	16		254 x 85
		8002-0100/1000-0310	RM08R-230AC-1CO	8	<ul style="list-style-type: none"> Coil Voltage: 230 AC Contacts: 1 Changeover Individually functioning relays 	133 x 85
		8002-0100/1000-0312	RM04R-110AC-1CO	4	<ul style="list-style-type: none"> Coil Voltage: 110 AC Contacts: 1 Changeover 	69 x 85
		8002-0100/1000-0313	RM08R-110AC-1CO	8	<ul style="list-style-type: none"> Individually functioning relays 	133 x 85
RELAY MODULES WITH OMRON MY SERIES DC-RELAYS						
		8002-0100/1000-0237	RM08M-24DC-J-4CO	8	<ul style="list-style-type: none"> Coil Voltage: 24 DC Contacts: 4 Changeover Jumper provision for coil side looping selection Contact Nominal Current: 3 Amp (at 30VDC/250VAC) 	253 x 85

Note - All above relay modules are DIN rail mountable and are lead (Pb) free. Critical components i.e. relays and fuses (wherever applicable) are pluggable. Termination is provided on WAGO Cage Clamp® (Screwless connectors).

RELAY MODULES

Image	Circuit	Item Number	Item Name	Relay Count	Functional Description	Dimensions (L x W) (mm)
CNC RELAY MODULES WITH OMRON G2RL RELAYS						
		8002-0100/0000-0811	CN16L-FA	16	<ul style="list-style-type: none"> • Suitable for CNC machine having 24 inputs and 16 output modules • Input Voltage: 24 DC • Relay Contacts: 1 Changeover • Provision for looping DC-Ext power points on board 	311 x 85
		8002-0100/1000-0647	CN16E-FA			

OPERATING TOOLS FOR PCB TERMINAL BLOCKS

	Item No.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm
	Item No.: 236-332 Operating tool; Plastic
	Item No.: 236-335 Operating tool; Metal

NOMENCLATURE

Type	RM	08	L	-	24DC	-	NF	-	2CO	/	2RS
	RM=Relay Module, CN=CNC Module										
Number of Relays Per Station	01, 02, 04, 08, 16										
Relay Model	L=G2RL, E=OEN, R=G2R, M=MY4										
Coil Voltage	24DC, 110AC, 110DC, 230AC										
Coil Side Circuit	Coil side looping; N=Negative, P=Positive, J=Jumper Fuse; F=With Fuse, Blank=No Fuse										
Number of Changeovers	1CO, 2CO, 4CO										
Number of Relay Stations	2RS, 4RS										

INTERFACE AND COMPONENT MODULES

Image	Circuit	Item Number	Item Name	Connector/Component	Functional Description	Dimensions (L x W) (mm)
		8000-0100/0000-0867	IM D37M	D37 Male	<ul style="list-style-type: none"> • Suitable for D-sub connectors. • Max Voltage: 125V AC/DC • Current Capacity: 2 Amp/pole 	102 x 85
		8000-0100/0000-0869	IM D37F	D37 Female		102 x 85
		8000-0100/0000-1203	IM D50M	D50 Male	<ul style="list-style-type: none"> • Performance level = 2 / 200 mating cycles 	94 x 85
		8000-0100/0000-0870	IM D50F	D50 Female		94 x 85
		8000-0100/0000-0860	IM F14L	FRC 14	<ul style="list-style-type: none"> • Suitable for FRC connectors • Max Voltage: 125V AC/DC • Current Capacity: 1 Amp/pole • Performance level = 3 / 50 mating cycles 	44 x 85
		8000-0100/0000-0863	IM F40L	FRC 40		115 x 85
		8000-0100/0000-0864	IM F50L	FRC 50		133 x 85
		8002-0100/1000-0327	CM01Z-BZX-AMP	Zener diode	<ul style="list-style-type: none"> • Zener module • Other components also possible 	13 x 85
		8002-0100/1000-0350	CM14-14R-22K2-AMP	Resistors (2Watt)	<ul style="list-style-type: none"> • Resistor module • Other components also possible 	172 x 85
		8002-0100/1000-0483	CM08SEN-L	Sensor ON Indicators	<ul style="list-style-type: none"> • 8/16 channel sensor interface module • Suitable for PNP switching sensors 	73 x 85
		8002-0100/1000-0336	CM16SEN-L			130 x 85

Note – All above interface and component modules are DIN rail mountable and are lead (Pb) free. Discrete terminations are provided on WAGO Cage Clamp® (Screwless connectors). Other high density connector / component modules are available on demand.

NOMENCLATURE

Type	IM	F	50	-	L	Type	CM	08	SEN	-	L
Interface Module						Component Module					
HD Connector						Component Count					
F=FRC, D=D-Sub						Component Type					
Number of Pins						Z=Zener, R=Resistor, Sen=Sensor TB					
9,15,25,37,50; 10,14,16,26,34,40,50,60,64						Property					
Connector Property						L=LED, xxx=Component Value					
L=FRC with Long Latch, M=Male, F=Female											

WAGO INTERFACE ELECTRONICS PRODUCT RANGE

INTERFACE MODULES

Interface Modules with D-Sub Male or Female Connectors



Available with 9, 15, 25, 37 and 50 pole connectors

Interface Modules with Pluggable Connector per DIN 41651



Available with 10, 14, 16, 20, 26, 34, 40, 50 and 64 pole male connectors

RJ-45 Interface Modules



For PC, network and telephone service application

SRM08-24DC



Multi-channel relay module with 6mm wide relays

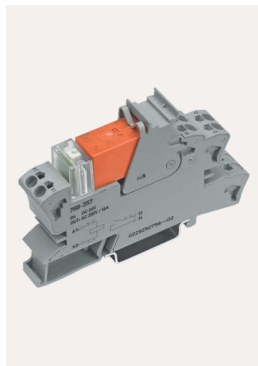
SRS08-24DC



Multi-channel SSR module with 6mm wide SSRs

RELAYS AND OPTOCOUPLEDERS

788 Series



Sockets with a miniature switching relay or a solid-state relay

858 Series



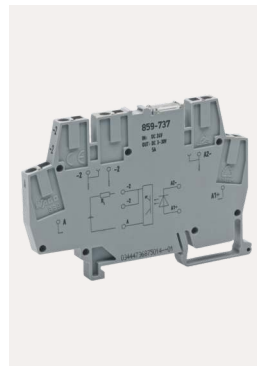
Sockets with a Industrial switching relay

789 Series



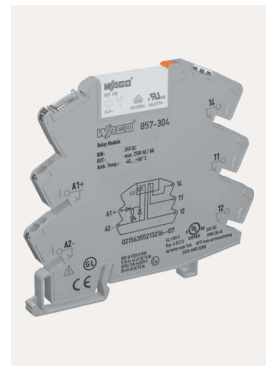
Relay modules in a DIN-rail-mount enclosure

859 Series



Rail-mount terminals blocks with a miniature switching relay or an optocoupler

857 Series



- Sockets with a miniature switching relay or a solid-state relay
- Timer relays
- Relays with a wide input voltage range
- Relays for long cable lengths

POWER SUPPLY SYSTEM MODULES

Uninterruptible Power Supply (DC-UPS)



UPS charger, controller and connected battery modules reliably compensate for longer power failures and features Integrated battery control technology.

Electronic Circuit Breakers (ECBs)



Configurable, 1-, 2-, 4- or 8-channel ECBs feature Integrated current and voltage monitoring

Capacitive Buffer Modules



Maintenance-free, capacitive buffer modules ensure seamless operation during short voltage fluctuations.

Redundancy Modules

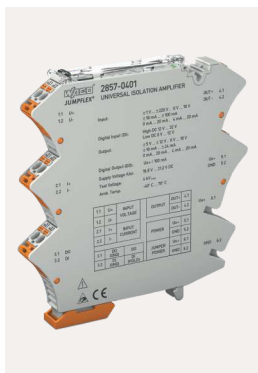


Redundancy modules safeguard two power supplies that are parallel-connected, providing system redundancy or additional power.

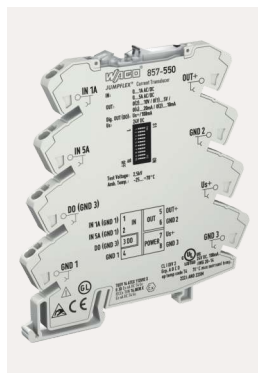
WAGO INTERFACE ELECTRONICS PRODUCT RANGE

ANALOG SIGNAL CONDITIONERS

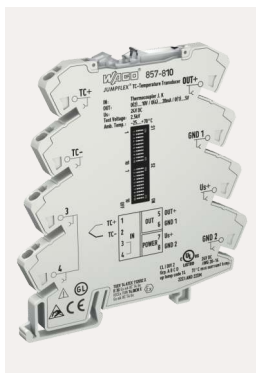
Isolation Amplifiers



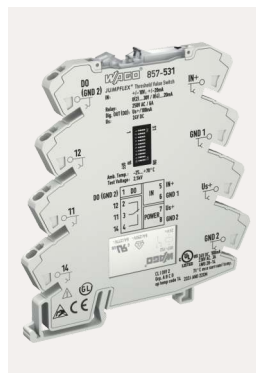
Current and Voltage Signal Conditioners



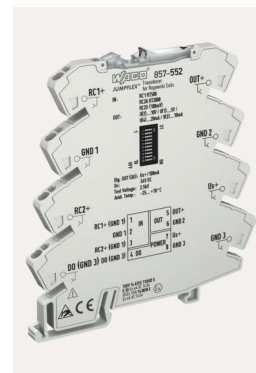
Temperature Signal Conditioners



Threshold Value Switches

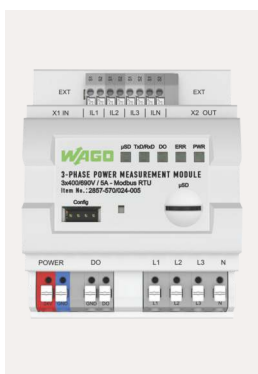


Signal Conditioners with Specialty Functions



CURRENT AND ENERGY MEASUREMENT TECHNOLOGY

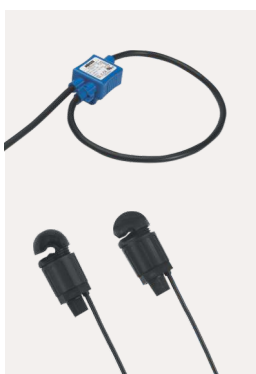
3-Phase Power Measurement Modules



Current Transformers



Rogowski Coils and Voltage Taps



Current and Voltage Tap with power cage clamp TB



Intelligent Current Sensors



POWER SUPPLIES

PRO Power



CLASSIC Power



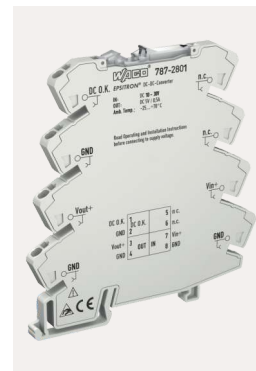
ECO POWER



COMPACT Power



DC/DC Converters



Single- and three-phase power supply with a wide input voltage range, 12 V, 24 V or 48 V nominal output. With optional is communication module.

Single-phase power supply with a wide input voltage range, 12 V, 24 V or 48 V nominal output. With TopBoost.

Single- and three phase power supply with a wide Input voltage range and 12 V / 24 V nominal output.

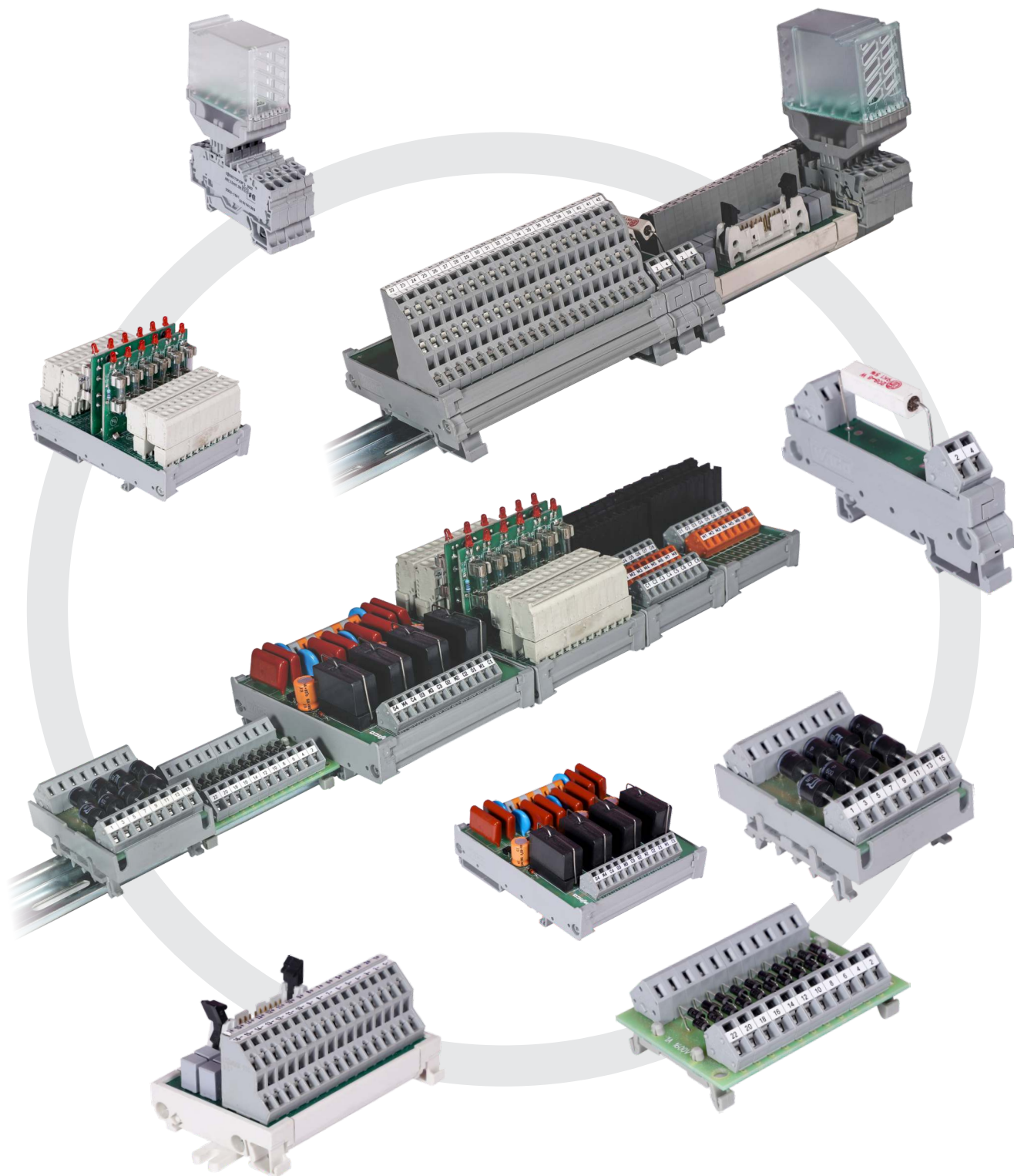
Low-profile, single-phase power supply with a wide Input voltage range, as well as nominal output voltages of 5V, 12V, 18V and 24V.

DC/DC converters can be used instead of an additional power supply for applications with specialty voltages.

CUSTOM SOLUTIONS

WAGO's array of relays/interface modules offer a solution for any requirement. These can be used in any sector of industry including process technology and power engineering, railway applications and machine engineering, as well as general control cabinet construction.

Now meet diverse challenges with WAGO custom solutions when designing modern systems. These user-friendly modules reduce installation times and easily adapt for new functionality. We are ready to analyze your application system requirement and suggest the best fit. Just share your requirement details at info.india@wago.com and we will be glad to develop custom solution for your unique needs.



WAGO Private Limited
Block No.94, National Highway-8,
Village : Vadsala-Varnama,
Vadodara, Gujarat-391243
T: +91-265-6812100/200
E: info.india@wago.com
W: www.wago.com/in

WAGO is a registered trademark of WAGO Verwaltungsgesellschaft mbH.

"Copyright – WAGO Kontakttechnik GmbH & Co. KG – All rights reserved. The content and structure of the WAGO websites, catalogs, videos and other WAGO media are subject to copy - right. Distribution or modification of the contents of these pages and videos is prohibited. Furthermore, the content may neither be copied nor made available to third parties for commercial purposes. Also subject to copyright are the images and videos that were made available to WAGO Kontakttechnik GmbH & Co. KG by third parties."