

Reliably switch high powers and specific loads
Our TERMSERIES and D-SERIES products are proven in practice
Let's connect.

Relay modules and solid-state relays



You are looking for suitable relays and solid-state relays

We have a range of products to meet your requirements

Relay modules

TERMSERIES



With the wide variety of TERMSERIES variants, you have unlimited cross-connection possibilities thanks to the multi-voltage input and the screw and tension clamp connection in particular.

Technical data

Design	6 - 12 mm
Connection	screw connector or tension clamp
Number of contacts	1 - 2
Rated control voltage	5 - 230 V
Rated switching voltage	250 V AC
Continuous current	up to 16 A
National marks and approvals	CE, cULus, GL, EAC

D-SERIES



The formation of light arcs is effectively avoided with D-SERIES products thanks to contact series connection, built-in blow magnets and low-wear contacts for a noticeably longer service life.

Technical data

Design	21,5 - 50,5 mm
Connection	screw connector
Number of contacts	1 - 4
Rated control voltage	12 - 220 V DC 24 - 230 V AC
Rated switching voltage	up to 500 V AC and special relays for DC loads
Continuous current	up to 30 A
National marks and approvals	CE, TÜV, UL, cURus, EAC

RIDERSERIES



Relay modules of the RIDERSERIES boast 1-way to 4-way CO contacts and PUSH IN connection technology. The lockable test button makes commissioning and servicing much easier.

Technical data

Design	13 - 28 mm
Connection	Push-In- and screw connector
Number of contacts	1 - 4
Rated control voltage	12 - 110 V DC 24 - 230 V AC
Rated switching voltage	up to 400 V AC
Continuous current	up to 16 A
National marks and approvals	CE, VDE, cURus, CSA, EAC, GL

Solid-state relays

TERMSERIES



With the wide variety of TERMSERIES variants, you have unlimited cross-connection possibilities thanks to the multi-voltage input and the screw and tension clamp connection in particular.

Technical data

Design	6 - 12 mm
Connection	screw connector or tension clamp
Number of contacts	1 - 2
Rated control voltage	5 - 230 V
Rated switching voltage	3 - 48 V DC 24 - 250 V AC
Continuous current	100 mA - 5 A
National marks and approvals	CE, cULus, EAC, GL

TERMOPTO



ERMOPTO offers wear- and maintenance-free potential isolation in the compact modular terminal format with PUSH IN connection technology.

Technical data

Design	6 mm
Connection	Push-In connector
Number of contacts	1
Rated control voltage	5 - 230 V AC/DC
Rated switching voltage	3 - 33 V DC 24 - 230 V AC 5 - 48 V DC
Continuous current	100 mA - 4 A
National marks and approvals	CE, cULus, EAC

PSSR



The Power Solid-State Relays enable wear-free, reliable and silent switching of high AC loads up to 75 A. They also have a high degree of shock and vibration resistance for protection in the process industry.

Technical data

Design	22,5 - 100 mm
Connection	screw connector
Number of contacts	1 und 3
Rated control voltage	depending on application
Rated switching voltage	up to 600 V AC
Continuous current	up to 75 A
National marks and approvals	CE, cURus, EAC

Switch inductive, capacitive and resistive loads

Our recommended relay modules and solid state relays

Typical industrial loads

In the EN60947 various industrial reference loads such as resistive, capacitive or inductive loads are described. The table below helps you to select an appropriate relay module for these different loads. Hereby considerations for 100,000 operations are made, and the frame conditions for rated current, rated voltage are specified.



SERIES

TERMSERIES

RIDERSERIES

Load type	Description	RSS Relais	RCL Relais		RCI Relais		RCM Relais		RRD Relais	
AC loads										
Resistive loads in accordance to EN60947-4-1 AC1	Cartridge and band heaters, infrared lamps	RSS113024 4060120000	RCL314024 8693260000	RCL424024 4058570000	RCI314024 8869810000	RCI424024 8869890000	RCM 270024 8689860000	RCM 570024 8690200000	RRD221024 8690370000	RRD321024 8690610000
	100,000 operations at	250 V / 6 A	250 V / 16 A	250 V / 8 A	250 V / 16 A	250 V / 8 A	250 V / 12 A	250 V / 6 A	250 V / 10 A	250 V / 10 A
Inductive loads in accordance to EN60947-5-1 AC15	Solenoids, valves - 10-times switch-on current - 1-times switch-off current - cos-phi 0.4 - switching frequency 0.1 Hz 100,000 operations at									
		250 V / 3 A	250 V / 3 A	250 V / 2 A	250 V / 3 A	250 V / 2 A	250 V / 3 A	250 V / 2 A	250 V / 3 A	250 V / 3 A
Inductive loads in accordance to EN60947-4-1 AC3	Squirrel-cage motors: - 6-times switch-on current - 1-times switch-off current - cos-phi 0.65 - switching frequency 0.1 Hz 100,000 operations at									
		250 V / 0.75 A	250 V / 5 A	250 V / 3 A	250 V / 5 A	250 V / 3 A	250 V / 4 A	250 V / 3 A	250 V / 5 A	250 V / 5 A
Capacitive loads	LED lamps, ballasts, switch-mode power supplies Switch-on peak max:	RSS110024 1984090000	RCL31024 8866920000							
		20 A / 2.5 ms	166 A / 20 ms	15 A / 4 s	30 A / 4 s	15 A / 4 s	24 A / 20 ms	12 A / 20 ms	20 A / 20 ms	20 A / 20 ms
DC loads										
Resistive loads in accordance to EN60947-4-1 DC1	Cartridge and band heaters, infrared lamps	RSS113024 4060120000	RCL314024 8693260000	RCL424024 4058570000	RCI314024 8869810000	RCI424024 8869890000	RCM 270024 8689860000	RCM 570024 8690200000	RRD221024 8690370000	RRD321024 8690610000
	100,000 operations at	250 V / 0.15 A 24 V / 6 A	250 V / 0.33 A 24 V / 16 A	250 V / 0.25 24 V / 8 A	250 V / 0.33 A 24 V / 16 A	250 V / 0.25 24 V / 8 A	250 V / 0.47 24 V / 12 A	250 V / 0.38 24 V / 6 A	250 V / 0.26 24 V / 10 A	250 V / 0.26 24 V / 10 A
Inductive loads in accordance to EN60947-5-1 DC13	Solenoids, valves - 1-times switch-on current - 1-times switch-off current - LR 2.5 ms - switching frequency 0.1 Hz 100,000 operations at									
		250 V / 0.1 A 24 V / 2 A	24 V / 2 A L/R =96 ms	24 V / 2 A L/R =96 ms	24 V / 2 A L/R =96 ms	24 V / 2 A L/R =96 ms	24 V / 3 A L/R = 100 ms	24 V / 2 A L/R =96 ms	24 V / 3 A L/R = 100 ms	24 V / 3 A L/R = 100 ms
Inductive loads in accordance to EN60947-4-1 DC3	Shunt motor - 2.5...4-times switch-on current - 2.5...4-times switch-off current - L/R 2...2.5 ms - switching frequency 0.1 Hz 100,000 operations at									
		24 V / 0.5 A	24 V / 1 A	24 V / 0.7 A	24 V / 1 A	24 V / 0.7 A	24 V / 1 A	24 V / 0.7 A	24 V / 1 A	24 V / 1 A

Note

The listed number of operations are indicative at room temperature on NO contact and are no binding lifetime commitment. They are used for orientation, the table provides an overview of the different relay types in the respective applications.



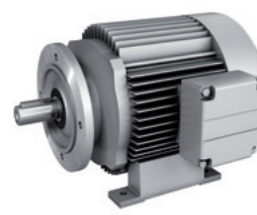
Neon tubes



LED lamps



Magnet valves



Motors

D-SERIES

DRM Relais		DRL Relais		DRW Relais		DRH Relais		DRR Relais		PWR Relais	
DRM270024 7760056051	DRM570024 7760056079	DRL170024L 1133460000	DRL570024L 1133630000	DRW270024LT 1219740000	DRW370024 1219790000	DRH173024LT 1219850000	DRH276024LT 1220150000	DRR270024L 133370000	DRR370024L 1133420000	PWR173024L 1219480000	PWR276024L 1219550000
250 V / 10 A	250 V / 5 A	250 V / 16 A	250 V / 10 A	400 V / 16 A	400 V / 16 A	400 V / 16 A	400 V / 16 A	250 V / 10 A	250 V / 10 A	250 V / 30 A	250 V / 5 A
250 V / 2,5 A	250 V / 1,7 A	250 V / 5 A	250 V / 3 A	250 V / 5 A	250 V / 5 A	250 V / 5 A	250 V / 5 A	250 V / 2,5 A	250 V / 2,5 A	250 V / 10 A	250 V / 7 A
250 V / 4 A	250 V / 2,5 A	250 V / 8 A	250 V / 5 A	250 V / 8 A	250 V / 8 A	250 V / 8 A	250 V / 8 A	250 V / 4 A	250 V / 4 A	250 V / 15 A	250 V / 13 A
20 A / 50 ms	20 A / 50 ms	80 A / 50 ms	50 A / 50 ms	80 A / 50 ms	80 A / 50 ms	80 A / 50 ms	80 A / 50 ms	50 A / 50 ms	50 A / 50 ms	150 A / 50 ms	120 A / 50 ms
DRM270024 7760056051	DRM570024 7760056079	DRL170024L 1133460000	DRL570024L 1133630000	DRW270024LT 1219740000	DRW370024 1219790000	DRH173024LT 1219850000	DRH276024LT 1220150000	DRR270024L 133370000	DRR370024L 1133420000	PWR173024L 1219480000	PWR276024L 1219550000
24 V / 10 A	24 V / 5 A	24 V / 16 A	24 V / 10 A	24 V / 16 A	24 V / 16 A	24 V / 10 A	24 V / 10 A	24 V / 10 A	24 V / 10 A	24 V / 30 A	24 V / 25 A
24 V / 2,5 A	24 V / 1,25 A	24 V / 4 A	24 V / 2,5 A	24 V / 4 A	24 V / 4 A	220 V / 2 A	220 V / 0,5 A	24 V / 2,5 A	24 V / 2,5 A	24 V / 7,5 A	24 V / 6,25 A
24 V / 0,6 A	24 V / 0,3 A	24 V / 1 A	24 V / 0,6 A	24 V / 1 A	24 V / 1 A	220 V / 1 A	220 V / 0,2 A	24 V / 0,6 A	24 V / 0,6 A	24 V / 2 A	24 V / 1,5 A

Reliably switch industrial loads on a permanent basis

TERMSERIES extension with increased power and longer service life

Generally speaking, industrial loads consist of either a capacitive element or an inductive element, which causes sparks during switch-on and switch-off operations. This shortens the service life of the relay contacts, thereby increasing the costs involved in running a plant.

The new relay modules from our TERMSERIES family feature special contacts that have been optimised (as regards arrangement and material selection) to the severe stresses of industrial use.

Whether they're deployed in machinery and plant engineering, robot technology, wind power, offshore technology or marine engineering – the compact variants from the TERMSERIES family of products allow you to reliably switch industrial loads for a long time and permanently minimise your application's operating costs.

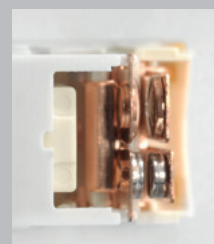


LED lamps feature an electronic ballast, with a switching regulator that guarantees a start-up peak more than 100 times higher thanks to its capacitive design. When plants are converted from conventional filament lamps to LED lighting, this quickly causes conventional relay contacts to overload. The compact and powerful TERMSERIES relays can be upgraded quickly and without any complications.

Your special advantages:

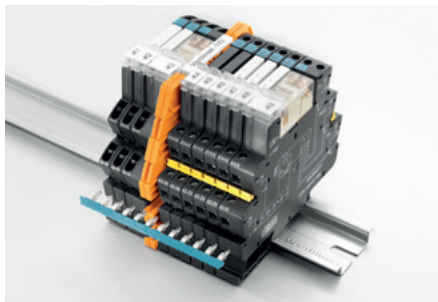
Permanently reliable

A pre-making tungsten contact prevents contacts from welding during switch-on when capacitive loads are being switched. This extends their service life.



Customised system approach

With suitable supply terminals, partition plates, cross-connections, other relay modules and solid-state relay variants, we offer you a flexible modular system to isolate and amplify signals.



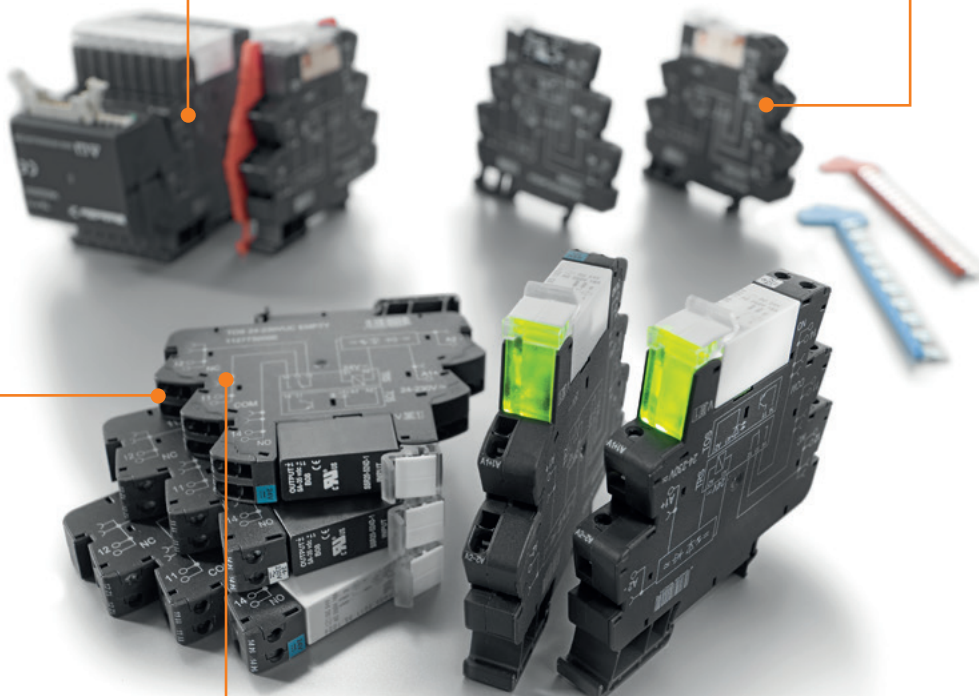
All-purpose in use

TERMSERIES is also available with the unique 24–230 V AC/DC multi-voltage input, which can be used with all relay and solid-state relay variants.



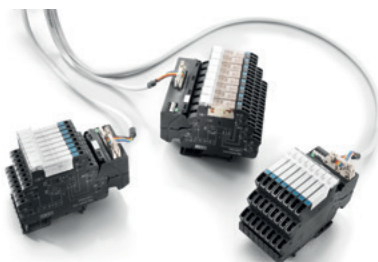
Extremely compact

Thanks to their compact width of just 12.8 mm, the modules fit just about anywhere on the DIN rail. This creates space in the cabinet.



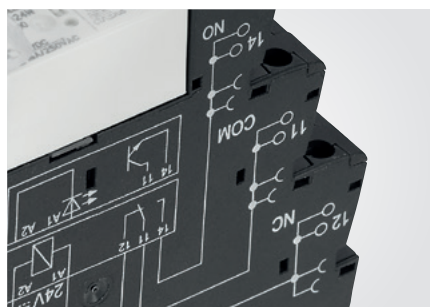
Interface adapter for TERMSERIES relays

Our pre-assembled plug-and-play solution with TERMSERIES interface adapter enables minimised cabling effort. The adapter has a universal fit and offers a genuine space advantage in interaction with the TERMSERIES products with identical contours.



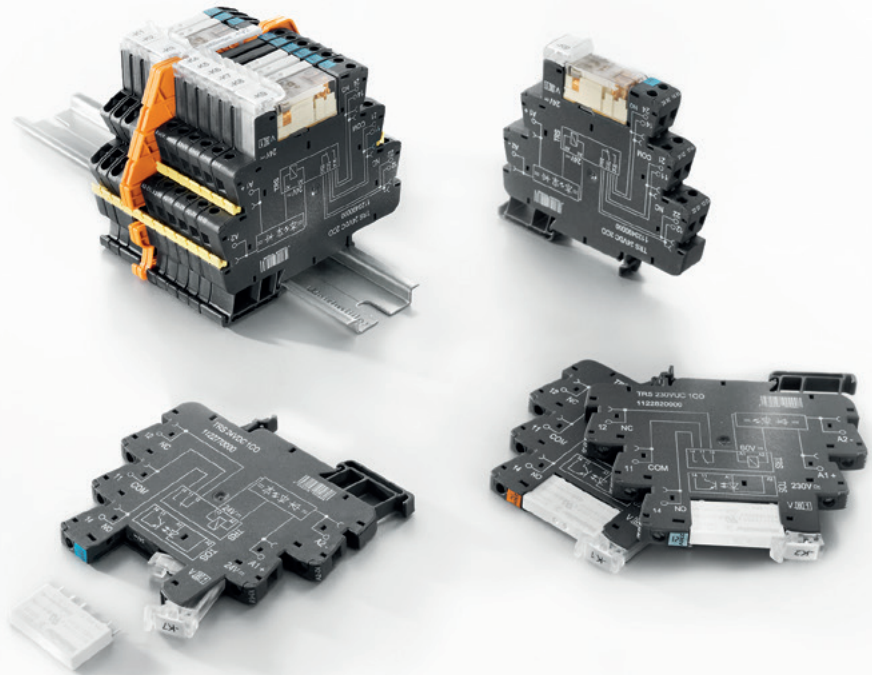
Minimal intervention

The new TERMSERIES variants can instantly switch the full 16 A load current thanks to the integrated cross-connection system.



TERMSERIES

Relay modules from 6 mm width



Number of contacts / Type of contact		1 NO		1 CO			2 CO	
Contact material		AgSnO	AgSnO + W	AgNi	AgNi + 5μAu	AgNi	AgNi	AgNi + 5μAu
Switching current		16 A	16 A	6 A		16 A	8 A	
Voltage / Input DC	Connection							
5 V DC	Screw			1122740000	1122980000	1479650000	1123470000	1123710000
	Tension clamp			1122860000	1123100000	1479800000	1123590000	1123830000
12 V DC	Screw			1122750000	1122990000	1479670000	1123480000	1123720000
	Tension clamp			1122870000	1123110000	1479820000	1123600000	1123840000
24 V DC	Screw	1479780000	1479810000	1122770000	1123000000	1479680000	1123490000	1123730000
	Tension clamp	1479940000	1479970000	1122880000	1123120000	1479840000	1123610000	1123850000
Input UC								
24 V UC	Screw			1122780000	1123010000	1479690000	1123500000	1123740000
	Tension clamp			1122890000	1123130000	1479850000	1123620000	1123870000
48 V UC	Screw			1122790000	1123020000	1479700000	1123510000	1123750000
	Tension clamp			1122900000	1123140000	1479870000	1123630000	1123880000
60 V UC	Screw			1122800000	1123030000	1479710000	1123520000	1123770000
	Tension clamp			1122910000	1123150000	1479880000	1123640000	1123890000
120 V UC	Screw			1122810000	1123170000	1479730000	1123530000	1123780000
	Tension clamp			1122920000	1123040000	1479890000	1123650000	1123900000
230 V UC	Screw			1122820000	1123050000	1479740000	1123540000	1123790000
	Tension clamp			1122930000	1123180000	1479900000	1123670000	1123910000
24 - 230 V UC	Screw	1479790000	1479830000	1122850000	1123090000	1479770000	1123580000	1123820000
	Tension clamp	1479950000	1479980000	1122970000	1123210000	1479930000	1123700000	1123940000
Input AC								
120 V AC RC	Screw			1122830000	1123070000	1479750000	1123550000	1123800000
	Tension clamp			1122940000	1123190000	1479910000	1123680000	1123920000
230 V AC RC	Screw			1122840000	1123080000	1479760000	1123570000	1123810000
	Tension clamp			1122950000	1123200000	1479920000	1123690000	1123930000
Note		Selection of preferred types, other modules upon request						

Interface adaptor



Type selection	Plug Type	Signals / Socket width	Order No.
TIA F10	10-pole ribbon cable	8 / 6,4 mm	1463520000
TIA SUBD 15S	15-pole D-SUB	8 / 6,4 mm	1463530000
TIAL F10	10-pole ribbon cable	8 / 12,8 mm	1463540000
TIAL F20	20-pole ribbon cable	16 / 6,4 mm	1463550000

Pluggable cross connection



Type	No. of poles / Pitch	Colour	Qty.	Order No.
ZQV 1.5N/R6.4/2 GE	2 / 6.4 mm	yellow	10	1193670000
ZQV 1.5N/R6.4/10 GE	10 / 6.4 mm	yellow	10	1193680000
ZQV 1.5N/R6.4/19 GE	19 / 6.4 mm	yellow	10	1193690000
ZQV 1.5N/R12.8/10 GE	10 / 12.8 mm	yellow	10	1193700000
ZQV 1.5N/R6.4/10 SW	10 / 6.4 mm	black	10	1391630000
ZQV 1.5N/R6.4/19 SW	19 / 6.4 mm	black	10	1391600000
ZQV 1.5N/R6.4/10 RT	10 / 6.4 mm	red	10	1391640000
ZQV 1.5N/R6.4/19 RT	19 / 6.4 mm	red	10	1391610000
ZQV 1.5N/R6.4/10 BL	10 / 6.4 mm	blue	10	1390350000
ZQV 1.5N/R6.4/19 BL	19 / 6.4 mm	blue	10	1391620000

Note More pole numbers and grids on demand

Supply terminal



Type	Connection technology	Qty.	Order No.
TXS SUPPLY	Screw connection	10	1240780000
TXZ SUPPLY	Tension clamp connection	10	1240790000

Other accessories



Isolation plate	Note	Qty.	Order No.
TW TXS/TXZ R3.2	Isolation plate 3.2 mm pitch	10	1240800000

Markers	Note	Qty.	Order No.
WS 10/6 MC Middle	10 * 6 mm	600	1818400000



Screwdriver	Note	Qty.	Order No.
SDK PH0	only screw connection	1	9008470000
SD 0.6 x 3.5 x 100		1	9008330000
SD T0 0.6 x 3.0	only tension clamp connection (angled)	1	1323880000

End bracket	Qty.	Order No.
WEW35/2 SW	100	1061210000

A long service life is a key factor in a wide range of industrial applications

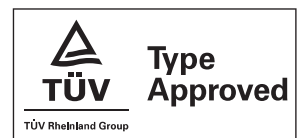
D-SERIES relay modules deliver impressively long-lasting high performance

You stringent requirements on your relay combinations in an industrial environment. Our D-SERIES relay modules were specially designed for ambitious industrial applications. Let's connect.

In many industrial applications, voltages between 110 and 220 V are used to control actuators. Load currents greater than 100 mA cause these high voltages to create wear-intensive light arcs on the relay contacts.

We have specially designed our D-SERIES relay modules for all-purpose use in a wide range of industrial applications. They are much more reliable than conventional solutions and so help to minimise maintenance and replacement costs.

The formation of light arcs is effectively avoided with D-SERIES products thanks to contact series connection, built-in blow magnets and low-wear contacts – for a noticeably longer service life.



Reliable at high currents and voltages

Requirements increase where current consumption is high. D-SERIES industrial relay modules are used where high voltages and load currents impact on the actuators. For example, when motors, solenoid valves or brakes are actuated in machine construction.

For convenient servicing

Optional LED status indicator and test button.

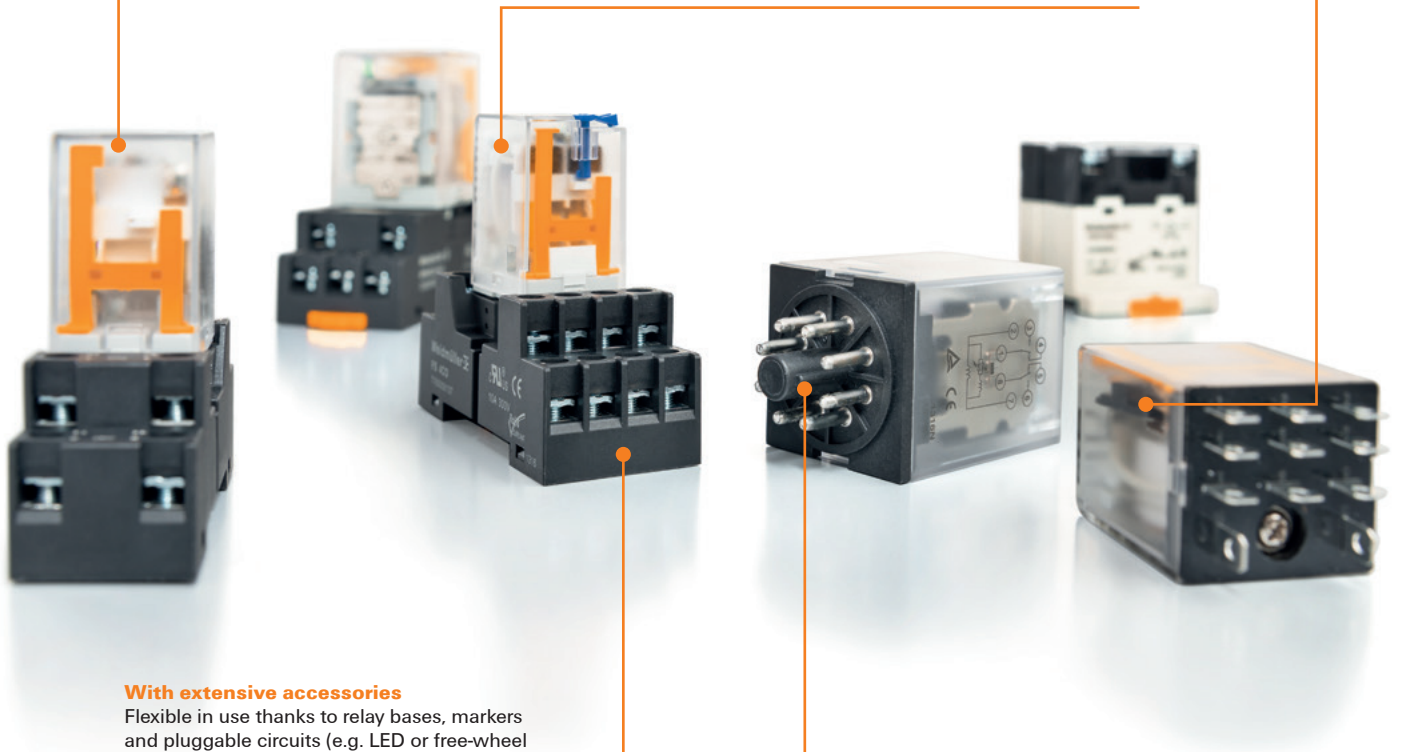


With a long service life

The smart contact series connection and a built-in blow magnet reduce the contact erosion at loads of up to 220 V DC/10 A.

Contacts for every application

Thanks to various contact materials (AgNi, AgSnO, AgCdO), the products of the D-SERIES are equipped for small, medium and high loads.



With extensive accessories

Flexible in use thanks to relay bases, markers and pluggable circuits (e.g. LED or free-wheel diode).



For every control voltage

The wide range of coil voltages from 5 V DC – 380 V AC enable them to be used on any control voltage imaginable.



D-SERIES

Industrial relay modules

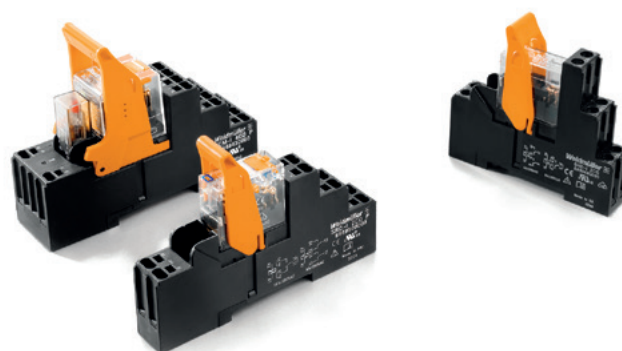


Series	DRM		DRL			
Number of contacts / Type of contact Contact material / Current	2 C0 AgNi 10 A	4 C0 AgNi 5 A	1 C0 AgCdO 16 A	2 C0 AgCdO 10 A	3 C0 AgCdO 10 A	4 C0 AgCdO 10 A
Voltage / Input DC						
12 V DC	7760056068	7760056096	1133450000	1133510000	1133570000	1133620000
24 V DC	7760056069	7760056097	1133460000	1133520000	1133580000	1133630000
48 V DC	7760056070	7760056098	1133470000	1133530000	1133590000	1133640000
110 V DC	7760056071	7760056099	1133480000	1133540000	1133600000	1133650000
220 V DC	7760056072	7760056100	1133400000	1133550000	1133610000	1133660000
Input AC						
24 V AC	7760056073	7760056101	1133840000	1133870000	1133910000	1133940000
48 V AC	7760056074	7760056102				
120 V AC	7760056075	7760056103	1133850000	1133880000	1133920000	1133950000
230 V AC	7760056076	7760056104	1133860000	1133900000	1133930000	1133960000
Preferred suitable socket						
Screw, clamping yoke	7760056106	7760056107	7760056225	7760056225	7760056226	7760056227
Screw, tension clamp	7760056263	7760056264				
Note Preferred types of D-SERIES incl. status indication and test key More coils and contact-types upon request						

Series	DRW		DRH		DRR	
Number of contacts / Type of contact Contact material / Current	2 C0 AgCdO 16 A	3 C0 AgCdO 16 A	1 NO AgCdO 16 A 10 A @ 220 V DC	2 NO AgCdO 16 A 3 A @ 220 V DC	2 C0 AgNi 10 A without test key	3 C0 AgNi 10 A without test key
Voltage / Input DC						
12 V DC	1219730000	1219780000	1220140000	1219840000	1133360000	1133410000
24 V DC	1219740000	1219790000	1220150000	1219850000	1133370000	1133420000
48 V DC	1219750000	1219810000	1220170000	1219860000	1133380000	1133430000
110 V DC	1219760000	1219820000	1220180000	1219870000	1133390000	1133440000
220 V DC	1219770000	1219830000	1220190000	1219880000	1133400000	1133560000
Input AC						
24 V AC	1219350000	1219410000	122020000	1219890000	1133760000	1133810000
48 V AC	1219360000	1219420000	1220210000	1219910000		
120 V AC	1219370000	1219430000	1220220000	1219920000	1133780000	1133820000
230 V AC	1219380000	1219440000	1220230000	1219930000	1133800000	1133830000
400 V AC	1219390000	1219450000				
Preferred suitable socket						
Screw, clamping yoke	1220250000	1220250000	1220250000	1220250000	1132810000	1132820000
Note Preferred types of D-SERIES incl. status indication and test key More coils and contact-types upon request						

RIDERSERIES

Industrial relay modules



Series	RCI		RCM			RRD	
Number of contacts / Type of contact Contact material / Current	1 CO AgNi 16 A	2 CO AgNi 8 A	2 CO AgNi 12 A	3 CO AgNi 10 A	4 CO AgNi 6 A	2 CO AgNi 10 A without recovery diode	3 CO AgNi 10 A without LED
Voltage / Input DC							
12 V DC	8870240000	8870310000	8957020000	8957090000	8957160000		
24 V DC	8870250000	8870320000	8957030000	8957100000	8957170000	8690380000	8797650000
48 V DC	8870260000	8870330000	8957040000	8957110000	8957180000	8690400000	
110 V DC	8870270000	8870340000	8957050000	8957120000	8957190000		8797640000
220 V DC					8636230000		8797610000
Input AC							
24 V AC	8870280000	8870350000	8689770000	8689950000	8690120000	8690280000	8690460000
48 V AC				8689970000	8690130000		8690480000
120 V AC	8870290000	8870360000	8689810000	8689990000	8690150000	8690320000	8690560000
230 V AC	8870300000	8870370000	8689830000	8690010000	8690160000	8690340000	8690580000
Preferred suitable socket							
Screw	8869490000	8869490000	8869400000	8869410000	8869420000	8869360000	8869350000
Tension clamp or Push In	8869500000	8869500000	8876220000		8869430000		
Note Preferred types of RIDERSERIES incl. recovery diode (DC-coil), status indication and test key More coils and contact-types upon request							

Series	RCI KIT		RCM KIT			
Number of contacts / Type of contact Contact material	1 CO AgNi	2 CO AgNi	2 CO AgNi	3 CO AgNi	4 CO AgNi	
Voltage / Input DC						
24 VDC	Screw	8881580000	8881610000	8920940000	8920980000	8921030000
	PUSH IN	8897190000	8897230000	8921080000		8921120000
Input AC						
24 V AC	Screw	8881590000	8881620000	8920950000	8920990000	8921040000
	PUSH IN	8897200000	8897240000	8921090000		8921130000
115 V / 120 V AC	Screw	8897060000	8897080000	8920960000	8921010000	8921060000
	PUSH IN	8897210000	8897250000	8921100000		8921140000
230 V AC	Screw	8881600000	8881630000	8920970000	8921020000	8921060000
	PUSH IN	8897220000	8897260000	8921110000		8921150000
Note Preferred types of RIDERSERIES incl. recovery diode (DC-coil), status indication and test key More coils and contact-types upon request						

TERMOPTO und TERMSERIES

Solid-state relays from 6 mm width

Load side

Voltage type Switching voltage Switching current			DC 5...48 V < 100 mA	DC 5...48 V ≤ 500 mA	DC 24 V ≤ 2 A	DC 24 V ≤ 5 A	AC 24...240 V ≤ 100 mA	AC 24...240 V ≤ 1 A
Control side / Voltage AC	Series	Connection						
24 V AC	TERMOPTO	Screw	8950820000	8951020000			8951220000	
		PUSH IN	8950860000	8951060000			8951260000	
48...60 V AC	TERMOPTO	Screw	8950830000	8951030000			8951230000	
		PUSH IN	8950870000	8951070000			8951270000	
120 V AC	TERMOPTO	Screw	8950840000	8951040000			8951240000	
		PUSH IN	8950880000	8951080000			8951280000	
120 V AC RC	TERMSERIES	Screw	1127000000		1127230000			1127480000
		Tension clamp	1127110000		1127350000			1127600000
	TERMOPTO	Screw	1180290000					
		PUSH IN	1188830000					
230 V AC	TERMOPTO	Screw	8950850000	8951050000			8951250000	
		PUSH IN	8950890000	8951090000			8951290000	
230 V AC RC	TERMSERIES	Screw	1127010000		1127240000			1127490000
		Tension clamp	1127120000		1127370000			1127610000
	TERMOPTO	Screw	1189270000					
		PUSH IN	1189260000					
DC								
5 V DC	TERMSERIES	Screw	1126920000		1127140000			1127390000
		Tension clamp	1127030000		1127270000			1127510000
	TERMOPTO	Screw	8950700000	8950900000			8951100000	
		PUSH IN	8950760000	8950960000			8951160000	
12 V DC	TERMSERIES	Screw	1126930000		1127150000			1127400000
		Tension clamp	1127040000		1127280000			1127520000
	TERMOPTO	Screw	8950710000	8950910000			8951110000	
		PUSH IN	8950770000	8950970000			8951170000	
24 V DC	TERMSERIES	Screw	1126940000		1127170000	1127630000		1127410000
		Screw			1391680000	1127680000		
		Tension clamp	1127050000		1127290000	1127650000		1127530000
		Tension clamp			1391690000	1127700000		
	TERMOPTO	Screw	8950720000	8950920000		1275100000	8951120000	
		PUSH IN	8950780000	8950980000		1254880000	8951180000	
48...60 V DC	TERMOPTO	Screw	8950730000	8950930000			8951130000	
		PUSH IN	8950790000	8950990000			8951190000	
110 V DC	TERMOPTO	Screw	8950740000	8950940000			8951140000	
		PUSH IN	8950800000	8951000000			8951200000	
220 V DC	TERMOPTO	Screw	8950750000	8950950000			8951150000	
		PUSH IN	8950810000	8951010000			8951210000	
UC								
24 V UC	TERMSERIES	Screw	1126950000		1127180000			1127420000
		Tension clamp	1127060000		1127300000			1127540000
24...230 V UC	TERMSERIES	Screw	1127020000		1127250000	1127640000		1127500000
		Screw				1127690000		
		Tension clamp	1127130000		1127380000	1127670000		1127620000
		Tension clamp				1127710000		
48 V UC	TERMSERIES	Screw	1126960000		1127190000			1127430000
		Tension clamp	1127070000		1127310000			1127550000
60 V UC	TERMSERIES	Screw	1126970000		1127200000			1127440000
		Tension clamp	1127080000		1127320000			1127570000
115 V / 120 V UC	TERMSERIES	Screw	1126980000		1127210000			1127450000
		Tension clamp	1127090000		1127330000			1127580000
230 V UC	TERMSERIES	Screw	1126990000		1127220000			1127470000
		Tension clamp	1127100000		1127340000			1127590000
Note			Selection of preferred types, other modules upon request.					

MICROOPTO

Solid-state relays in 6 mm width
for specific applications

Load side				
Voltage type	DC	DC	DC	DC
Switching voltage	5...48 V DC	8...30 V DC	5...33 V DC	12...300 V DC
Switching current	0,5 A	2 A	10 A	1 A
Control side / Voltage				
24 V DC	8937980000	8937970000	8937940000	8937830000
Remarks	Electronic CO contact 1 kHz switching frequency	Actuator switch 3-wire connection Short-circuit-proof Thermal overload fuse	Valve switch Short-circuit-proof Alarm contact	Switch for inductive loads Power Boost



Power solid-state relays

Load side	1-phase				3-phase
Voltage type	AC	AC	AC	AC	AC
Switching voltage	12...275 V AC	24...600 V AC	24...600 V AC	24...600 V AC	24...520 V AC
Switching current	25 A	35 A	50 A	75 A	20 A
Heatsink	yes	yes	no	no	yes
Control side / Voltage					
3...32 V DC	1406200000	1406210000	1406240000	1406250000	
160...240 V AC/DC	1406220000				
Monitoring module (plug-in)	1406230000	1406230000			
8...30 V DC / 10...30 V AC					8952130000
9...240 V AC/DC					8952140000



Find all the information about our
extensive range of relay modules and
solid-state relays on our website or in
our online catalog.

www.weidmueller.com/relay



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Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
32758 Detmold, Germany
T +49 5231 14-0
F +49 5231 14-292083
info@weidmueller.com
www.weidmueller.com

Ihren lokalen Weidmüller Ansprechpartner
finden Sie im Internet unter:
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