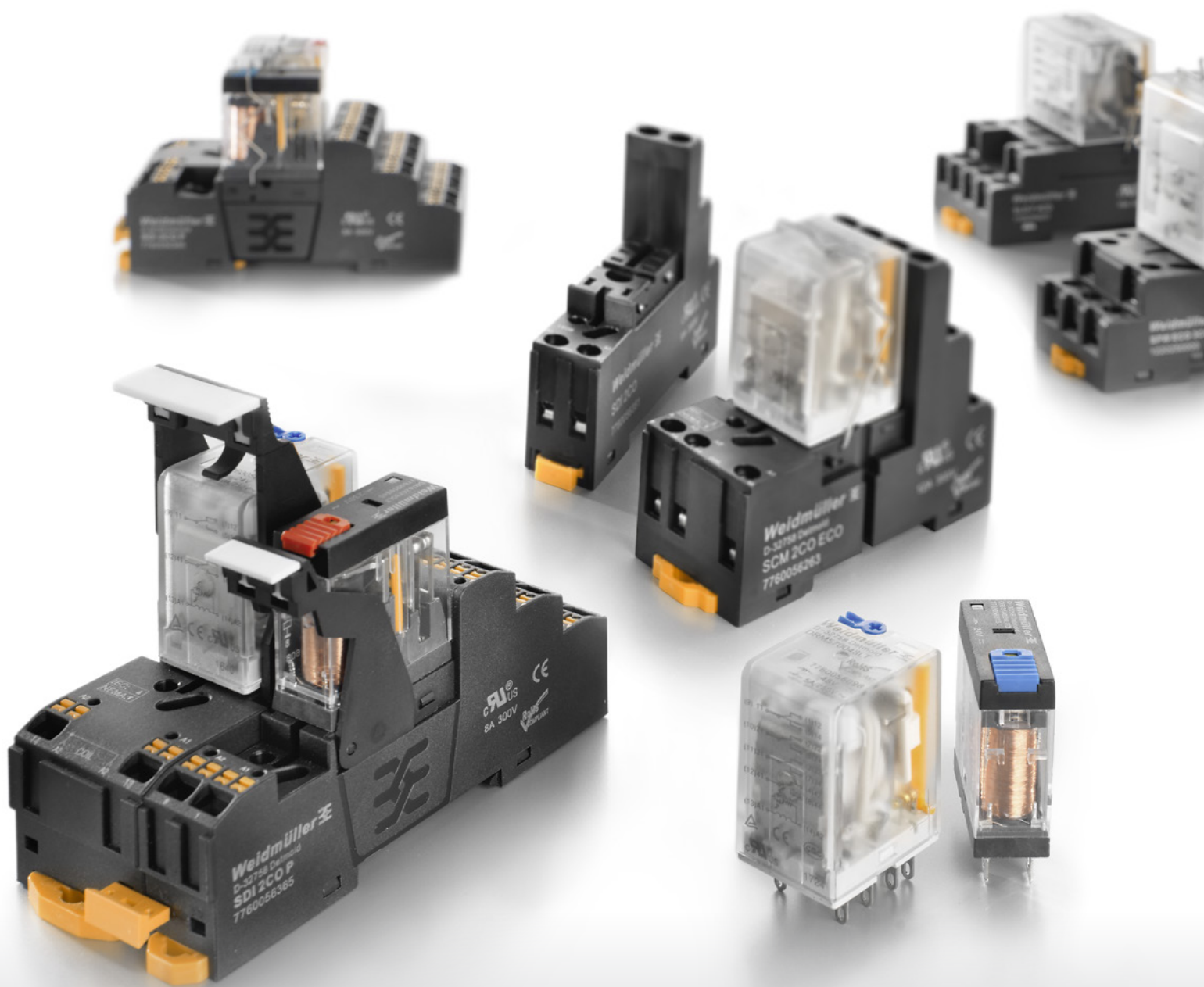


# D-SERIES

High reliable industrial relays

Klippon® Relay



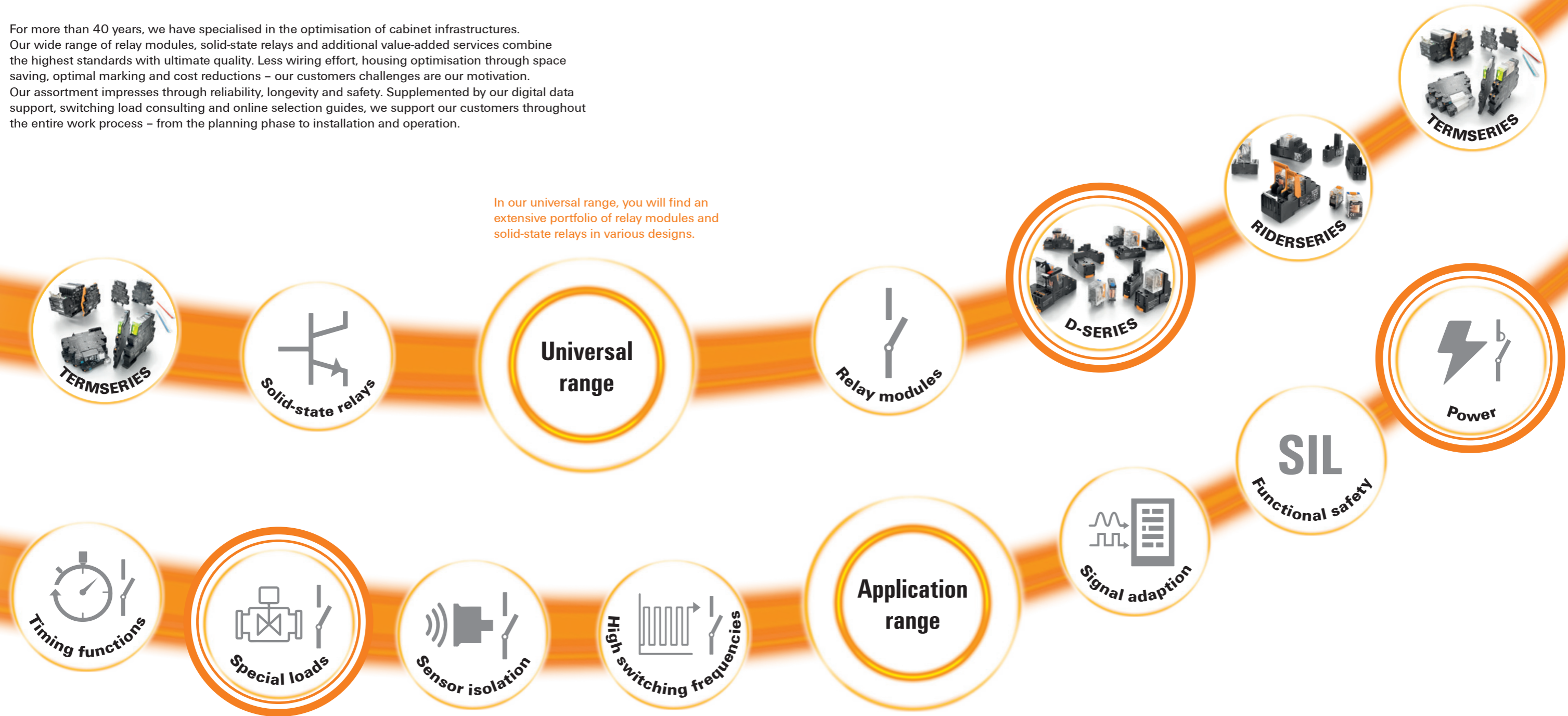
## Solutions for more productivity

### Highly flexible design processes – with Klippon® Relay

For more than 40 years, we have specialised in the optimisation of cabinet infrastructures. Our wide range of relay modules, solid-state relays and additional value-added services combine the highest standards with ultimate quality. Less wiring effort, housing optimisation through space saving, optimal marking and cost reductions – our customers challenges are our motivation. Our assortment impresses through reliability, longevity and safety. Supplemented by our digital data support, switching load consulting and online selection guides, we support our customers throughout the entire work process – from the planning phase to installation and operation.

In our universal range, you will find an extensive portfolio of relay modules and solid-state relays in various designs.

In our application range, you will find a tailor-made portfolio of products to increase your productivity and safety for various fields of application.



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Visit our website for more information  
[www.weidmuller.com/klipponrelay](http://www.weidmuller.com/klipponrelay)

# Reliable relays for universal use in many industrial applications

## D-SERIES Universal range

The D-Series universal range includes the relays DRI, DRM and DRR, which are especially designed for universal use. They are defined by a wide range of products with high reliability and ease of maintenance. In addition to the flexible screw sockets, the PUSH IN connection technology is available for time-saving installation. The sockets can optionally be equipped with different retaining clips and protection or LED status modules according to individual requirements.

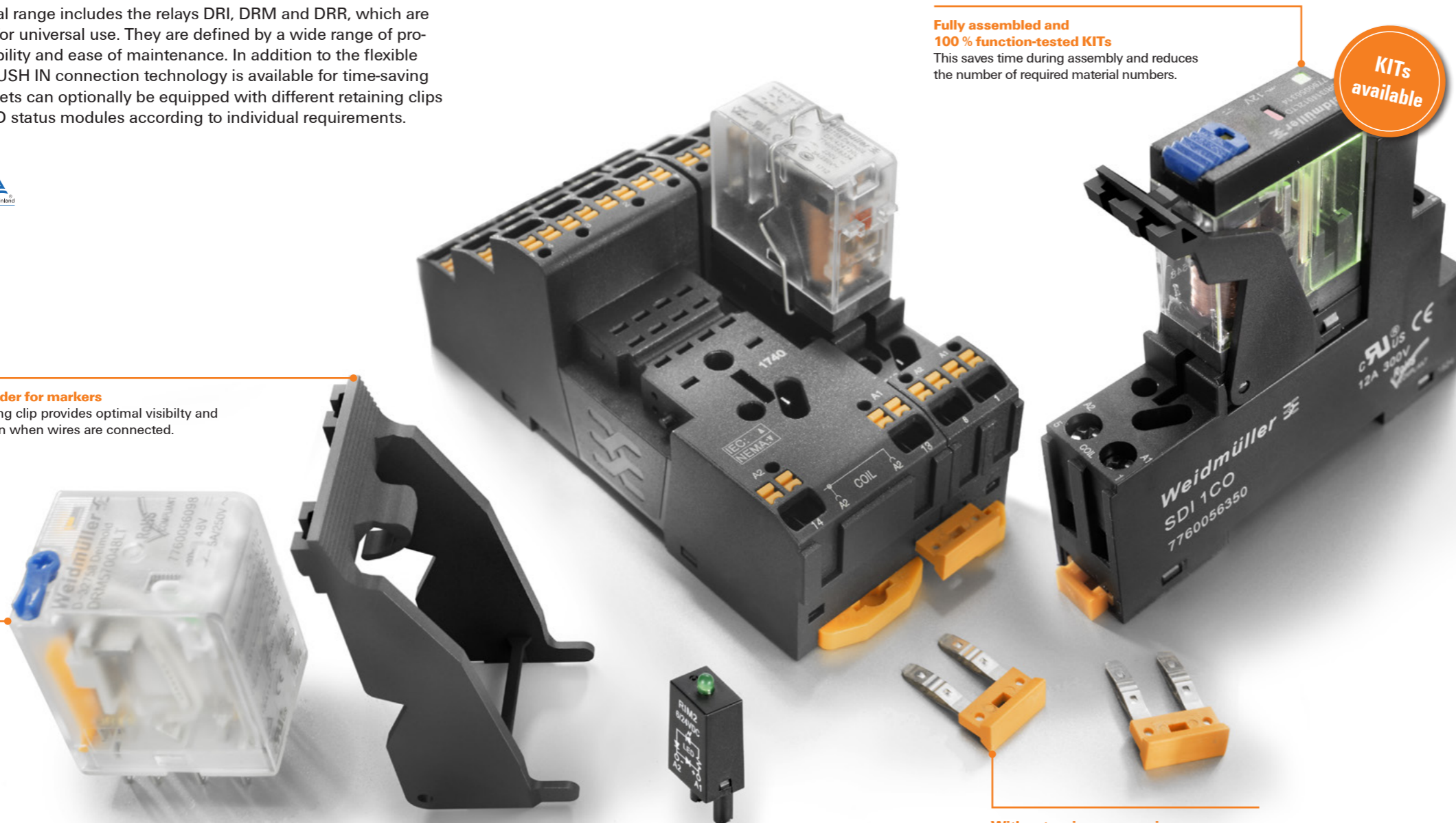


### Retaining clips with holder for markers

The marker on the retaining clip provides optimal visibility and precise identification, even when wires are connected.

### For convenient servicing

Optional LED status indicator and test button.



**Fully assembled and 100% function-tested KITS**  
This saves time during assembly and reduces the number of required material numbers.

**KITs available**



### Technology in detail

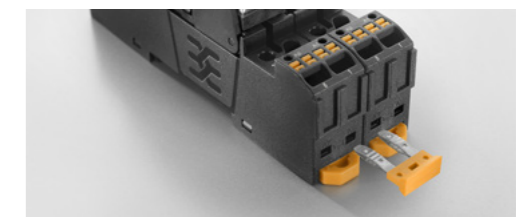
- Quick and safe connection of all conductor types
- Clear marking of the conductor entry

### Integrated, coloured pusher

- Coloured pushers prevent incorrect wiring
- Simple operation with screwdriver
- Quick opening of the clamping point

### Integrated test and inspection point

- The integrated test point on each level allows fast, uncomplicated testing with standard test plugs and simplifies maintenance and troubleshooting during operation



### With extensive accessories

Flexible in use thanks to relay sockets, cross connection, markers and pluggable protection modules (e.g. LED or free-wheel diode).



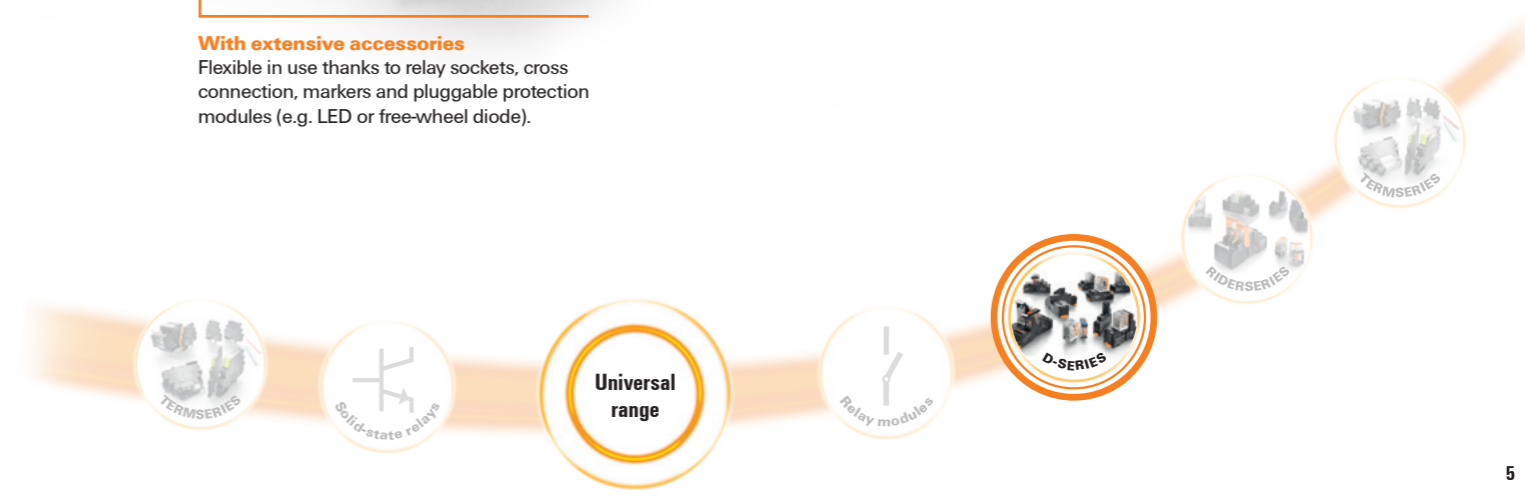
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# DRR

## Universal range



The robust octal relays of the D-SERIES DRR have a width of 38 mm and are suitable for universal application in industrial environments.

### 2 CO contact - 10 A

Type	Rated control voltage	LED	Qty	Order No.
DRR270012L	12 V DC	●	10	1133360000
DRR270024L	24 V DC	●	10	1133370000
DRR270048L	48 V DC	●	10	1133380000
DRR270110L	110 V DC	●	10	1133390000
DRR270220L	220 V DC	●	10	1133400000
DRR270524L	24 V AC	●	10	1133760000
DRR270615L	115 V AC	●	10	1133780000
DRR270730L	230 V AC	●	10	1133800000

### 3 CO contact - 10 A

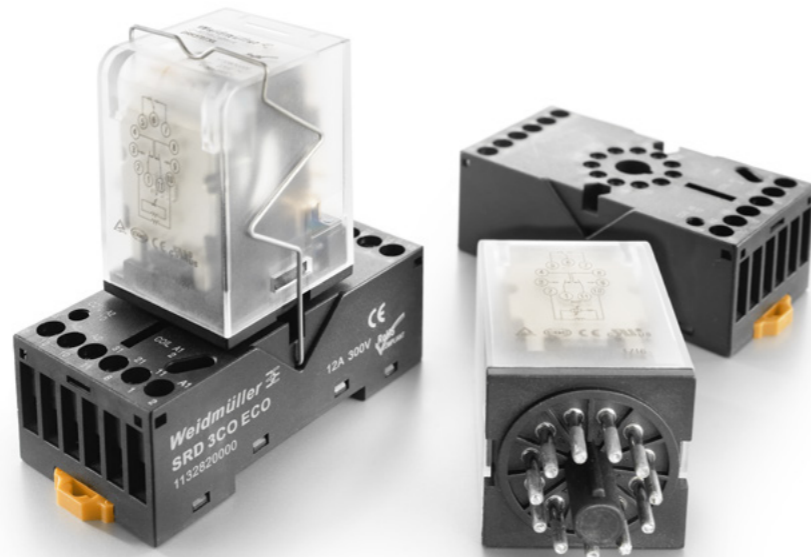
Type	Rated control voltage	LED	Qty	Order No.
DRR370012L	12 V DC	●	10	1133410000
DRR370024L	24 V DC	●	10	1133420000
DRR370048L	48 V DC	●	10	1133430000
DRR370110L	110 V DC	●	10	1133440000
DRR370220L	220 V DC	●	10	1133560000
DRR370524L	24 V AC	●	10	1133810000
DRR370615L	115 V AC	●	10	1133820000
DRR370730L	230 V AC	●	10	1133830000

### Socket and accessories

Type	Version	Qty	Order No.
SRD ECO 2CD	Screw socket for 2 CO contact	10	1132810000
SRD ECO 3CD	Screw socket for 3 CO contact	10	1132820000
DRR CLIP M	Metal retaining clip	10	1134160000

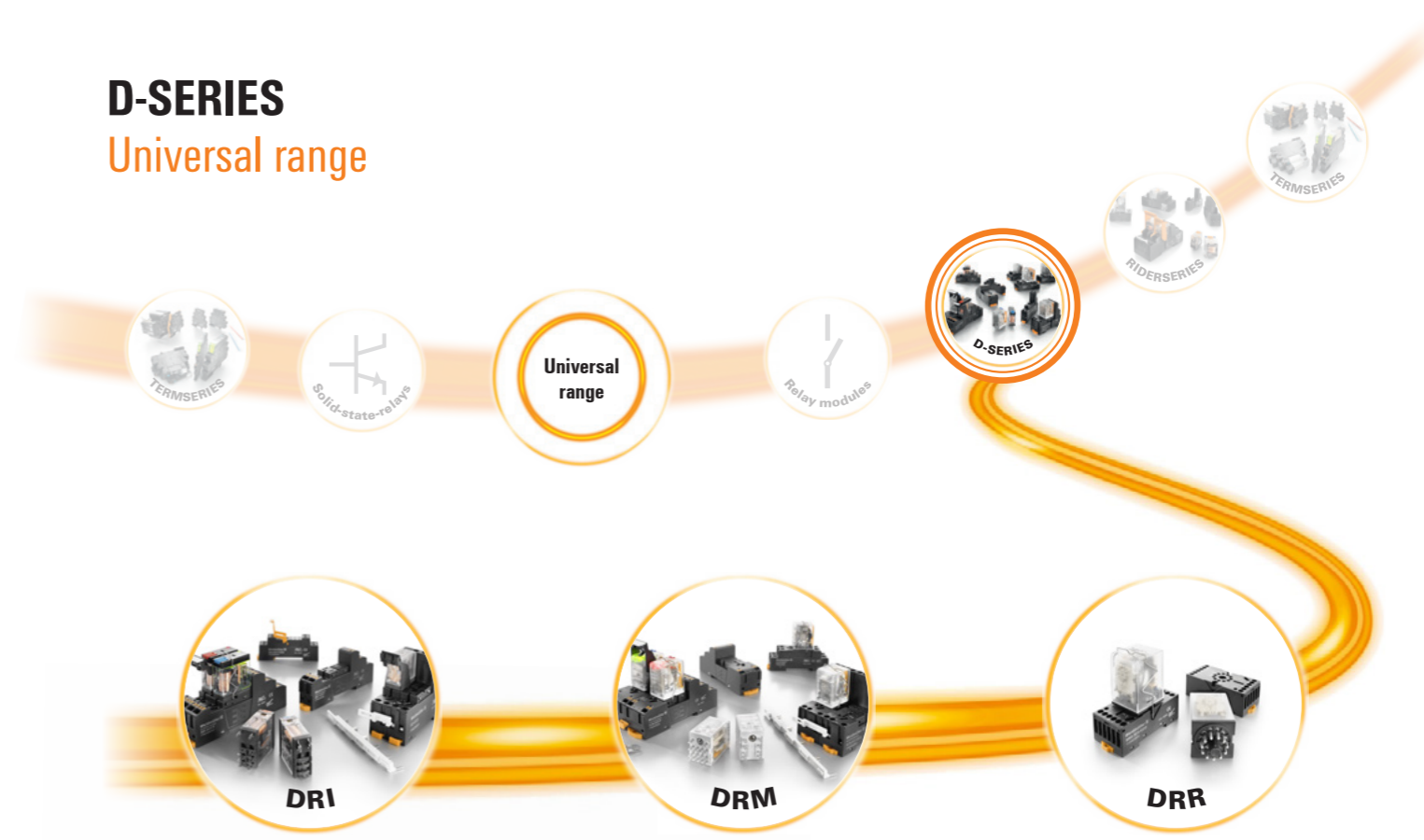
### Protection modules

Type	Rated control voltage	Protective circuit	Qty	Order No.
RIM 5 6/230VDC	6 - 230 V DC	Free-wheel diode	10	1174650000
RIM 5 6/230VAC	6 - 230 V AC	RC-Filter	10	1174670000



# D-SERIES

## Universal range



- Relays for all industries
  - 1 CO contact (10 A) and 2 CO contacts (5 A)
  - Variants with built-in LED, protective circuit or test button
  - Test button with coloured control voltage identification (AC coil: red, DC coil: blue)
  - Suitable accessories from the cross-connections to the protective circuit
  - Available with PUSH IN and screw connection
  - Fully assembled and 100 % function-tested KITS available
- Relays for all industries
  - 2 CO contacts (10 A) and 4 CO contacts (5 A)
  - Variants with built-in LED, protective circuit or test button
  - Test button with coloured control voltage identification (AC coil: red, DC coil: blue)
  - Suitable accessories from the cross-connections to the protective circuit
  - Available with PUSH IN and screw connection
  - Fully assembled and 100 % function-tested KITS available
- Switching higher output loads in the energy sector
  - 2 and 3 CO contacts (10 A)
  - Built-in status LED
  - AgNi contact material
  - Industrial relays with robust pins
  - Suitable accessories from the socket to the protective circuit
  - Available with screw connection

# Powerful relays for use in challenging applications

## D-SERIES Application range

The D-SERIES application range has been designed for special loads and higher power applications. They are qualified by more wear-resistant contact materials, larger contact openings and integrated blowout magnets. This allows even inductive loads or high DC currents to be switched reliably. Especially in difficult applications, the relays offer higher wear resistance and a longer service life.

**With a long service life**  
The smart contact series connection and a builtin blowout magnet reduce the contact erosion at loads of up to 220 V DC/10 A.

**With extensive accessories**  
Flexible in use thanks to relay sockets, markers and pluggable protection modules (e.g. LED or free-wheel diode).

**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.





# DRH

## Application range – Special loads

The special industrial power relays of the D-SERIES DRH have a width of 39 mm and are suitable for switching high inductive DC loads. They have a built-in blowout magnet and a large contact opening.

### 1 NO contact – 16 A

Type	Rated control voltage	LED	Test button	Qty	Order No.
DRH173012LT	12 V DC	●	●	10	1219840000
DRH173024LT	24 V DC	●	●	10	1219850000
DRH173048LT	48 V DC	●	●	10	1219860000
DRH173110LT	110 V DC	●	●	10	1219870000
DRH173220LT	220 V DC	●	●	10	1219880000
DRH173524LT	24 V AC	●	●	10	1219890000
DRH173548LT	48 V AC	●	●	10	1219910000
DRH173615LT	115 V AC	●	●	10	1219920000
DRH173730LT	230 V AC	●	●	10	1219930000

### 1 NC contact – 16 A

Type	Rated control voltage	LED	Test button	Qty	Order No.
DRH174012LT	12 V DC	●	●	10	1219940000
DRH174024LT	24 V DC	●	●	10	1219950000
DRH174048LT	48 V DC	●	●	10	1219960000
DRH174110LT	110 V DC	●	●	10	1219970000
DRH174220LT	220 V DC	●	●	10	1219980000
DRH174524LT	24 V AC	●	●	10	1219990000
DRH174548LT	48 V AC	●	●	10	1220010000
DRH174615LT	115 V AC	●	●	10	1220020000
DRH174730LT	230 V AC	●	●	10	1220030000

### 1 NO contact and 1 NC contact – 16 A

Type	Rated control voltage	LED	Test button	Qty	Order No.
DRH275012LT	12 V DC	●	●	10	1220040000
DRH275024LT	24 V DC	●	●	10	1220050000
DRH275048LT	48 V DC	●	●	10	1220060000
DRH275110LT	110 V DC	●	●	10	1220070000
DRH275220LT	220 V DC	●	●	10	1220080000
DRH275524LT	24 V AC	●	●	10	1220090000
DRH275548LT	48 V AC	●	●	10	1220110000
DRH275615LT	115 V AC	●	●	10	1220120000
DRH275730LT	230 V AC	●	●	10	1220130000

### 2 NO contact – 16 A

Type	Rated control voltage	LED	Test button	Qty	Order No.
DRH276012LT	12 V DC	●	●	10	1220140000
DRH276024LT	24 V DC	●	●	10	1220150000
DRH276048LT	48 V DC	●	●	10	1220170000
DRH276110LT	110 V DC	●	●	10	1220180000
DRH276220LT	220 V DC	●	●	10	1220190000
DRH276524LT	24 V AC	●	●	10	1220200000
DRH276548LT	48 V AC	●	●	10	1220210000
DRH276615LT	115 V AC	●	●	10	1220220000
DRH276730LT	230 V AC	●	●	10	1220230000

### Socket and accessories

Type	Version	Qty	Order No.
SPW ECO 3CO	Screw socket for DRW/DRH	10	1220250000
DRH/DRW CLIP M	Metal retaining clip	10	1220260000
Test lever block DRH/DRW	Test button cover	10	7760056249

### Protection modules

Type	Rated control voltage	Protective circuit	Qty	Order No.
RIM 5 6/230VDC	6 - 230 V DC	Free-wheel diode	10	1174650000
RIM 5 6/230VAC	6 - 230 V AC	RC-Filter	10	1174670000



# DRW

## Application range – Special loads

Industrial power relays of our D-SERIES DRW have a width of 39 mm and are equipped with wear-resistant contact material and a large contact opening.

### 2 CO contact – 16 A

Type	Rated control voltage	LED	Test button	Qty	Order No.
DRW270012LT	12 V DC	●	●	10	1219730000
DRW270024LT	24 V DC	●	●	10	1219740000
DRW270048LT	48 V DC	●	●	10	1219750000
DRW270110LT	110 V DC	●	●	10	1219760000
DRW270220LT	220 V DC	●	●	10	1219770000
DRW270524LT	24 V AC	●	●	10	1219350000
DRW270548LT	48 V AC	●	●	10	1219360000
DRW270615LT	115 V AC	●	●	10	1219370000
DRW270730LT	230 V AC	●	●	10	1219380000
DRW270900LT	400 V AC	●	●	10	1219390000

### 3 CO contact – 16 A

Type	Rated control voltage	LED	Test button	Qty	Order No.
DRW370012LT	12 V DC	●	●	10	1219780000
DRW370024LT	24 V DC	●	●	10	1219790000
DRW370048LT	48 V DC	●	●	10	1219810000
DRW370110LT	110 V DC	●	●	10	1219820000
DRW370220LT	220 V DC	●	●	10	1219830000
DRW370524LT	24 V AC	●	●	10	1219410000
DRW370548LT	48 V AC	●	●	10	1219420000
DRW370615LT	115 V AC	●	●	10	1219430000
DRW370730LT	230 V AC	●	●	10	1219440000
DRW370900LT	400 V AC	●	●	10	1219450000

### Socket and accessories

Type	Version	Qty	Order No.
SPW ECO 3CO	Screw socket for DRW/DRH	10	1220250000
DRH/DRW CLIP M	Metal retaining clip	10	1220260000
Test lever block DRH/DRW	Test button cover	10	7760056249

### Protection modules

Type	Rated control voltage	Protective circuit	Qty	Order No.
RIM 5 6/230VDC	6 - 230 V DC	Free-wheel diode	10	1174650000
RIM 5 6/230VAC	6 - 230 V AC	RC-Filter	10	1174670000







# DRL

## Application range – Special loads

The miniature power relays of the D-SERIES DRL are available from 24 mm width. They have wear-resistant contact material for reliable switching of inductive loads.

### 1 CO contact – 16 A

Type	Rated control voltage	LED	Qty	Order No.
DRL170012L	12 V DC	●	20	1133450000
DRL170024L	24 V DC	●	20	1133460000
DRL170048L	48 V DC	●	20	1133470000
DRL170110L	110 V DC	●	20	1133480000
DRL170220L	220 V DC	●	20	1133490000
DRL170524L	24 V AC	●	20	1133840000
DRL170615L	115 V AC	●	20	1133850000
DRL170730L	230 V AC	●	20	1133860000

### 2 CO contact – 10 A

Type	Rated control voltage	LED	Qty	Order No.
DRL270012L	12 V DC	●	20	1133510000
DRL270024L	24 V DC	●	20	1133520000
DRL270048L	48 V DC	●	20	1133530000
DRL270110L	110 V DC	●	20	1133540000
DRL270220L	220 V DC	●	20	1133550000
DRL270524L	24 V AC	●	20	1133870000
DRL270615L	115 V AC	●	20	1133880000
DRL270730L	230 V AC	●	20	1133890000

### 3 CO contact – 10 A

Type	Rated control voltage	LED	Qty	Order No.
DRL370012L	12 V DC	●	10	1133570000
DRL370024L	24 V DC	●	10	1133580000
DRL370048L	48 V DC	●	10	1133590000
DRL370110L	110 V DC	●	10	1133600000
DRL370220L	220 V DC	●	10	1133610000
DRL370524L	24 V AC	●	10	1133910000
DRL370615L	115 V AC	●	10	1133920000
DRL370730L	230 V AC	●	10	1133930000

### 4 CO contact – 10 A

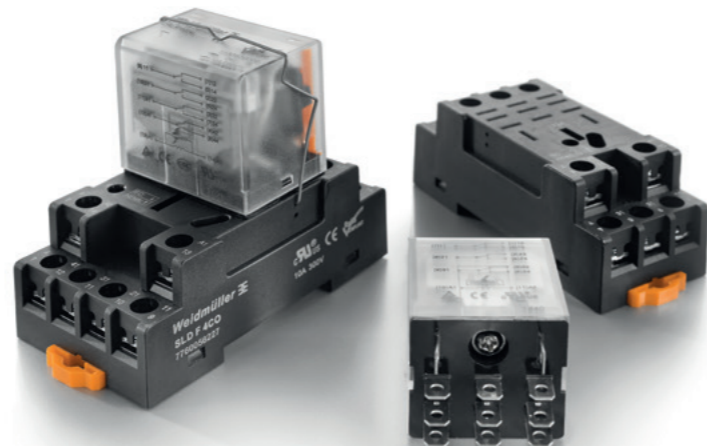
Type	Rated control voltage	LED	Qty	Order No.
DRL570012L	12 V DC	●	10	1133620000
DRL570024L	24 V DC	●	10	1133630000
DRL570048L	48 V DC	●	10	1133640000
DRL570110L	110 V DC	●	10	1133650000
DRL570220L	220 V DC	●	10	1133660000
DRL570524L	24 V AC	●	10	1133940000
DRL570615L	115 V AC	●	10	1133950000
DRL570730L	230 V AC	●	10	1133960000

### LED-/Protection modules

Type	Rated control voltage	Protective circuit	LED	Qty	Order No.
RIM 1 6/230VDC	6 - 230 VDC	Free-wheel diode	●	10	7760056169
RIM 2 6/24VDC	6 - 24 VDC	Free-wheel diode	●	10	7760056015
RIM 2 24/60VDC	24 - 60 VDC	Free-wheel diode	●	10	7760056016
RIM 2 110/230VDC	110 - 230 VDC	Free-wheel diode	●	10	7760056017
RIM 3 6/24VUC	6 - 24 VUC		●	20	7940018457
RIM 3 24/60VUC	24 - 60 VUC		●	10	7760056018
RIM 3 110/230VUC	110 - 230 VUC		●	20	7940018455
RIM 3 110/230VAC LED	110 - 230 VAC	RC-Filter	●	10	7760056045
RIM 3 110/230VAC	110 - 230 VAC	RC-Filter	●	10	7760056014
RIM 5 6/230VAC	6 - 230 VAC	RC-Filter	●	10	1174670000
RIM 5 6/230VDC	6 - 230 VDC	Free-wheel diode	●	10	1174650000

### Socket and accessories

Type	Version	Qty	Order No.
SLD F 2CO	Screw socket for 1/2 CO contact	10	7760056225
SLD F 3CO	Screw socket for 3 CO contact	10	7760056226
SLD F 4CO	Screw socket for 4 CO contact	10	7760056227
DRM/DRL CLIP M	Metal retaining clip for 1/2 CO contact	10	7760056108
SLD CLIP 3CO M	Metal retaining clip for 3 CO contact	10	7760056234
SLD CLIP 4CO M	Metal retaining clip for 4 CO contact	10	7760056235



# PWR

## Application range – Power

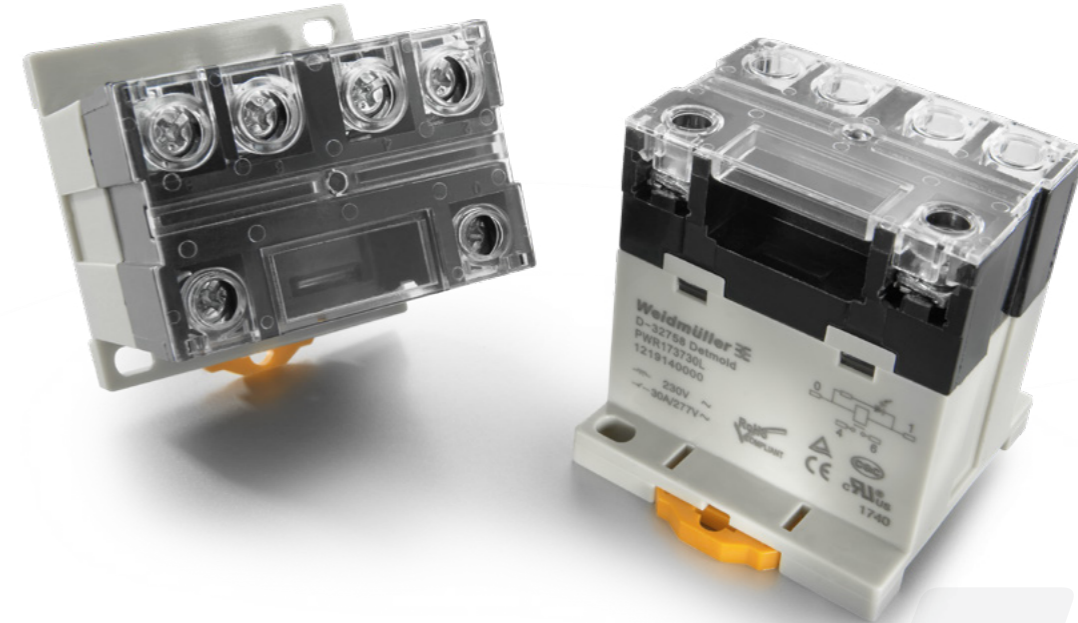
Our small industrial contactors of the D-SERIES PWR are particularly suitable for switching larger load currents.

### 1 NO contact – 30 A

Type	Rated control voltage	LED	Qty	Order No.
PWR173006L	6 V DC	●	10	1219460000
PWR173012L	12 V DC	●	10	1219470000
PWR173024L	24 V DC	●	10	1219480000
PWR173048L	48 V DC	●	10	1219490000
PWR173110L	110 V DC	●	10	1219510000
PWR173220L	220 V DC	●	10	1219520000
PWR173524L	24 V AC	●	10	1219090000
PWR173548L	48 V AC	●	10	1219120000
PWR173615L	110 V AC	●	10	1219130000
PWR173730L	220 V AC	●	10	1219140000
PWR173880L	380 V AC	●	10	1219150000

### 2 NO contact – 25 A

Type	Rated control voltage	LED	Qty	Order No.
PWR276006L	6 V DC	●	10	1219530000
PWR276012L	12 V DC	●	10	1219540000
PWR276024L	24 V DC	●	10	1219550000
PWR276048L	48 V DC	●	10	1219560000
PWR276110L	110 V DC	●	10	1219570000
PWR276220L	220 V DC	●	10	1219580000
PWR276524L	24 V AC	●	10	1219160000
PWR276548L	48 V AC	●	10	1219170000
PWR276615L	110 V AC	●	10	1219180000
PWR276730L	220 V AC	●	10	1219190000
PWR276880L	380 V AC	●	10	1219220000



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### Automation and manufacturing support

Engineering data from Weidmüller is based on the industry standard eCl@ss. This ensures both high quality and a depth of data that, together with our „ready-to-robot“ components, allows a high degree of automation. By using and combining such standardized formats as AutomationML and eCl@ss, the result of the integrated engineering - the digital product description - can even be used in production processes.



### Configurator

Selection wizard for Relay modules and Solid-state relays. Select the specifications of your desired product and you will receive an overview of all suitable Weidmüller products.

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