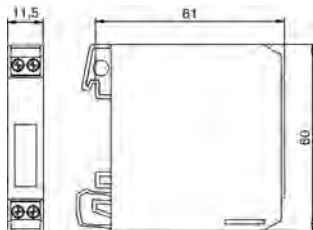


# Interface Technology · Minicompact Relay Module

**AC/DC Relay-Module, 1 Relay with 1 N/O contact**  
**AC/DC 250 V, 5 A, 1250 VA**  
**Screw terminal, Contact material: AgSnO<sub>2</sub> + 0.15 µm HV**

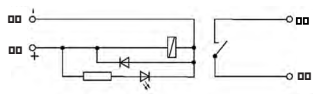


## Dimensions

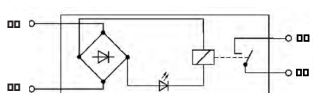


## PIN assignment

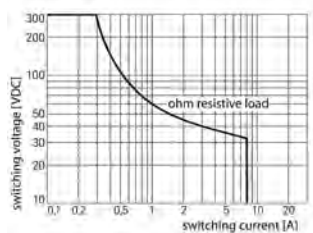
### AC/DC 24 V, AC/DC 24 V HV



### AC/DC 230 V



## Limit curve



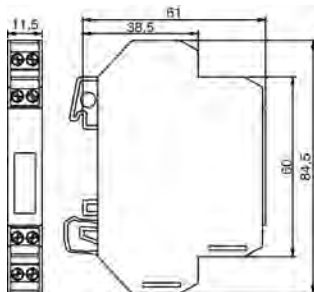
Description	Part-No.	Type	PU	
<b>Relay Module with AgSnO<sub>2</sub></b>				
Nominal voltage	AC/DC 24 V	730711	RE 4-0711 AC/DC 24 V	5
	AC/DC 230 V	730717	RE 4-0717 AC/DC 230 V	5
<b>Relay Module with AgNi + 0.15µm HV</b>				
Nominal voltage	AC/DC 24 V HV	730841	RE 4-0841 HTV AC/DC 24 V	5
<b>Input</b>				
	<b>AC/DC 24 V</b>	<b>AC/DC 24 V HV</b>	<b>AC/DC 230 V</b>	
Input voltage range	19.7 – 30.0 V	19.2 – 30.0 V	187.0 – 242.0 V	
Rated current	20.0 mA	12.0 mA	5.0 mA	
Interrupting voltage	<2.4 V		<23 V	
Protection device	Bridge rectifier			
Rated insulation voltage (EN 50178)	50 V		250 V	
Max. length of connecting lead	–			
Status Indication	LED yellow			
Rated frequency	50–60 Hz			
<b>Output</b>				
Contact type	1 NO contact			
Min. switching voltage	AC/DC 17 V	AC/DC 1 V	AC/DC 17 V	
Max. switching voltage	AC/DC 250 V			
Min. switching current	AC/DC 5 mA	AC/DC 1 mA	AC/DC 5 mA	
Max. switching current	AC/DC 5 A			
Switching capacity AC 15	3 A			
Switching capacity DC 13	at 24 V: 1 A, at 115 V: 200 mA, at 230 V: 100 mA			
Max. switching capacity	1250 VA			
Contact material	AgSnO <sub>2</sub>	AgNi + 0.15 µm HV	AgSnO <sub>2</sub>	
Mechanical service life	3 × 10 <sup>7</sup> operations			
Switch-on delay	8 ms	7 ms	8 ms	
Switch-off delay	4 ms	3 ms	4 ms	
Clearance/creep. dist. (control/load side)	>5.5 mm			
Rated insulation voltage (EN 50178)	300 V			
Inrush current	15 A (4 ms)			
<b>General</b>				
Housing material	PPE			
Protection class	IP 20			
Field installation	rail TS 35 (EN 50022)			
Insulation voltage input/output	4.0 kV <sub>eff</sub>			
Safe isolation	Yes			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 80 °C			
Dimensions (w × h × d)	11.5 × 60.0 × 67.0 mm			
Weight (kg/piece)	0.035			
Approvals	cULus, VW approval		cULus	
Termination	Screw terminal: 0.25–2.5 mm <sup>2</sup>			
<b>Accessories</b>				
Tag holder 7×20 mm	Colour	Article number	Type	PU
	white	760968	BZT-0720	100
Laser printer label 6.35×15.24 mm (sheet with 528 labels)		681033	LEB-0924	1
<b>Comments</b>				
Hard gold-plated contacts: So that the gold layer is not damaged, the specified values are not permitted to be exceeded. At higher switching capacity, the gold layer vaporizes. The deposition in the housing can lead to sparkovers between the coil and contact.				

# Interface Technology · Minicompact Relay Module

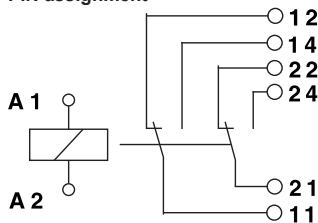
**AC/DC-Relay-Interface,1 Relay with 2 CO contact**  
**AC/DC 250 V, 6 A, 1500 VA**  
**screw terminal, contact material: AgNi 90/10**



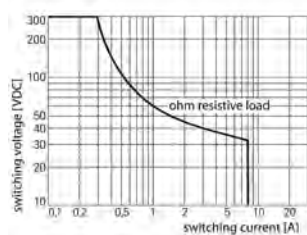
## Dimensions



## PIN assignment



## Limit curve



Description	Part-No.	Type	PU	
<b>Screw terminal</b>				
Nominal voltage	AC/DC 24 V	730753	RE 4-0753 AC/DC 24 V	5
<b>Input</b>				
<b>AC/DC 24 V</b>				
Input voltage range	16.8 – 30.0 V			
Rated current	23.0 mA			
Interrupting voltage	<2.4 V			
Protection device	Bridge rectifier			
Rated insulation voltage (EN 50178)	50 V			
Max. length of connecting lead	–			
Status Indication	LED yellow			
Rated frequency	50–60 Hz			
<b>Output</b>				
Contact type	2 change over contact			
Min. switching voltage	AC/DC 1 V			
Max. switching voltage	AC/DC 250 V			
Min. switching current	AC/DC 1 mA			
Max. switching current	AC/DC 6 A			
Switching capacity AC 15	3 A			
Switching capacity DC 13	at 24 V: 1 A, at 115 V: 200 mA, at 230 V: 100 mA			
Max. switching capacity	1500 VA			
Contact material	AgNi + 0.15 µm HV			
Mechanical service life	20 x 10 <sup>6</sup> operations			
Switch-on delay	5 ms			
Switch-off delay	15 ms			
Clearance/creep. dist. (contol/load side)	>5.5 mm			
Rated insulation voltage (EN 50178)	250 V			
Inrush current	30 A (4 ms)			
<b>General</b>				
Housing material	PPE			
Protection class	IP 20			
Field installation	rail TS 35 (EN 50022)			
Insulation voltage input/output	4.0 kV <sub>eff</sub>			
Safe isolation	Yes			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	40 °C – 80 °C			
Dimensions (w × h × d)	11.5 × 84.5 × 61.0 mm			
Weight (kg/piece)	0.089			
Approvals	cULus			
Termination	Screw terminal: 0.25–2.5 mm <sup>2</sup>			
<b>Accessories</b>				
Tag holder 7×20 mm	white	760968	BZT-0720	100
Laser printer label 6.35×15.24 mm (sheet with 528 labels)		681033	LEB-0615	1

## Comments

Hard gold-plated contacts: So that the gold layer is not damaged, the specified values are not permitted to be exceeded. At higher switching capacity, the gold layer vaporizes. The deposition in the housing can lead to sparkovers between the coil and contact.

# Interface Technology · Minicompact Relay Module

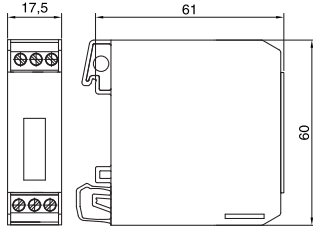
## AC/DC-Relay-Interface, 1 Relay with 1 CO contact

AC/DC 250 V, 5 A, 1250 VA

Screw terminal, Contact material: AgSnO<sub>2</sub>, AgNi + 0.15 µm HV

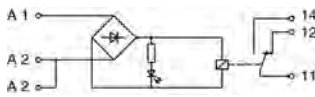


### Dimensions

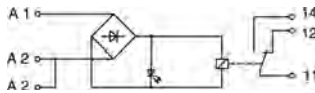


### PIN assignment

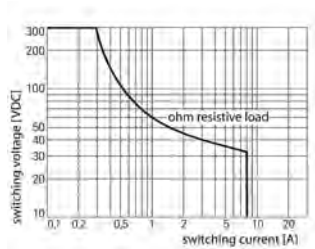
#### AC/DC 24 V HV, AC/DC 24 V



#### AC/DC 230 V



### Limit curve



Description	Part-No.	Type	PU	
<b>AgSnO<sub>2</sub></b>				
Nominal voltage	AC/DC 24 V	730732	RE 4-0732 AC/DC 24 V	5
	AC/DC 230 V	731737	RE 4-7137 AC/DC 230 V	5
<b>AgNi + 0.15 µm HV</b>				
Nominal voltage	AC/DC 24 V HV	730842	RE 4-0842 HTV AC/DC 24 V	5

Input	AC/DC 24 V HV	AC/DC 24 V	AC/DC 230 V
Input voltage range	19.2 – 30.0 V		187.0 – 242.0 V
Rated current	12.0 mA	20.0 mA	5.0 mA
Interrupting voltage	<2.4 V		<23 V
Protection device	Bridge rectifier		
Rated insulation voltage (EN 50178)	50 V		250 V

Max. length of connecting lead	–		
Status Indication	LED yellow		
Rated frequency	50–60 Hz		

Output	1 change over contact		
Contact type	1 change over contact		
Min. switching voltage	AC/DC 1 V	AC/DC 17 V	
Max. switching voltage	AC/DC 250 V		
Min. switching current	AC/DC 1 mA	AC/DC 5 mA	
Max. switching current	AC/DC 5 A		
Switching capacity AC 15	3 A		
Switching capacity DC 13	at 24 V: 1 A, at 115 V: 200 mA, at 230 V: 100 mA		
Max. switching capacity	1250 VA		

Contact material	AgNi + 0.15 µm HV	AgSnO <sub>2</sub>
Mechanical service life	2 × 10 <sup>7</sup> operations	3 × 10 <sup>7</sup> operations
Switch-on delay	7 ms	8 ms
Switch-off delay	3 ms	4 ms
Clearance/creep. dist. (contol/load side)	>5.5 mm	

Rated insulation voltage (EN 50178)	300 V	
Inrush current	15 A (4 ms)	

General			
Housing material	PPE		
Protection class	IP 20		
Field installation	rail TS 35 (EN 50022)		
Insulation voltage input/output	4.0 kV <sub>eff</sub>		
Safe isolation	Yes		
Operation temperature range	-25 °C – 60 °C		
Storage temperature range	-40 °C – 80 °C		
Dimensions (w × h × d)	17.5 × 60.0 × 67.0 mm		
Weight (kg/piece)	0.045		
Approvals	cULus		
Termination	Screw terminal: 0.25–2.5 mm <sup>2</sup>		

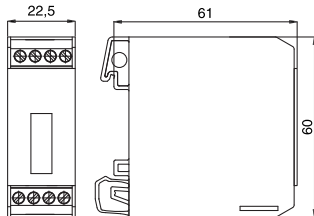
Accessories	Colour	Article number	Type	PU
Tag holder 7×20 mm	white	760968	BZT-0720	100
Laser printer label 6.35×15.24 mm (sheet with 528 labels)		681033	LEB-0615	1

# Interface Technology · Minicompact Relay Module

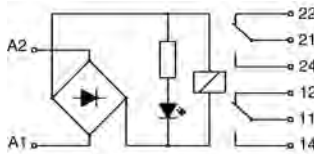
**AC/DC-Relay-Interface,1 Relay with 2 CO contact**  
**AC/DC 250 V, 5 A, 1250 VA**  
**screw terminal, contact material: AgNi 90/10**



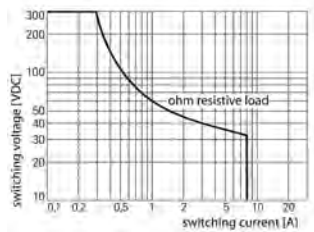
## Dimensions



## PIN assignment



## Limit curve



Description	Part-No.	Type	PU	
<b>AgNi 90/10</b>				
Nominal voltage	AC/DC 24 V	730741	RE-4-0741 AC/DC 24 V	5
<b>Input</b>				
<b>AC/DC 24 V</b>				
Input voltage range	20.4 – 30.0 V			
Rated current	22.0 mA			
Interrupting voltage	<2.4 V			
Protection device	Bridge rectifier			
Rated insulation voltage (EN 50178)	50 V			
Max. length of connecting lead	–			
Status Indication	LED yellow			
Rated frequency	50–60 Hz			
<b>Output</b>				
Contact type	2 change over contact			
Min. switching voltage	AC/DC 17 V			
Max. switching voltage	AC/DC 250 V			
Min. switching current	AC/DC 5 mA			
Max. switching current	AC/DC 5 A			
Switching capacity AC 15	3 A			
Switching capacity DC 13	at 24 V: 1 A, at 115 V: 200 mA, at 230 V: 100 mA			
Max. switching capacity	1250 VA			
Contact material	AgNi 90/10			
Mechanical service life	2 x 10 <sup>7</sup> operations			
Switch-on delay	8 ms			
Switch-off delay	3 ms			
Clearance/creep. dist. (contol/load side)	2 mm			
Rated insulation voltage (EN 50178)	300 V			
Inrush current	15 A (4 ms)			
<b>General</b>				
Housing material	PPE			
Protection class	IP 20			
Field installation	rail TS 35 (EN 50022)			
Insulation voltage input/output	2.5 kV <sub>eff</sub>			
Safe isolation	No			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 80 °C			
Dimensions (w x h x d)	22.5 x 60.0 x 67.0 mm			
Weight (kg/piece)	0.055			
Approvals	–			
Termination	Screw terminal: 0.25–2.5 mm <sup>2</sup>			
<b>Accessories</b>				
Tag holder 7x20 mm	white	760968	BZT-0720	100
Laser printer label 6.35x15.24 mm (sheet with 528 labels)		681033	LEB-0615	1

# Interface Technology · Minicompact Relay Module

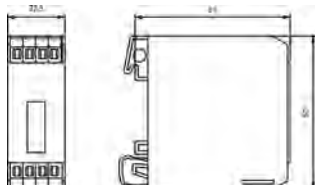
DC Relay-Module, 1 Relay with positively driven contact, 1 NC and 1 NO contact

AC/DC 250 V, 5 A, 1250 VA

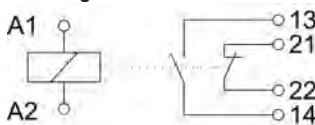
Screw terminal, contact material AgSnO<sub>2</sub> + 0.2 μm HV



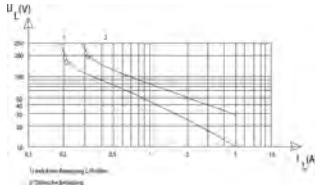
## Dimensions



## PIN assignment



## Limit curve



Description	Part-No.	Type	PU	
<b>Screw terminal</b>				
Nominal voltage	DC 24 V	730854	LRZK 4S-D024-110H	5
	DC 110 V	730855	LRZK 4S-D110-110H	5
<b>Spring terminal</b>				
Nominal voltage	DC 24 V	731854	LRZK 4F-D024-110H	5
	DC 110 V	731855	LRZK 4F-D110-110H	5
<b>Input</b>				
	<b>DC 24 V</b>	<b>DC 110 V</b>		
Input voltage range	16.8 V – 30.0 V	77.0 V – 137.5 V		
Rated current	59.0 mA	15.0 mA		
Interrupting voltage	<2.4 V	<11 V		
Protection device	Bridge rectifier			
Rated insulation voltage (EN 50178)	50 V	160 V		
Max. length of connecting lead	–			
Status Indication	LED yellow			
Rated frequency	–			
<b>Output</b>				
Contact type	1 NC/1 NO contact, positively driven in acc. with EN 50205, application type A			
Min. switching voltage	AC/DC 5 V			
Max. switching voltage	AC/DC 250 V			
Min. switching current	AC/DC 5 A			
Max. switching current	AC/DC 8 A			
Switching capacity AC 15	230 V: 3 A			
Switching capacity DC 13	24 V: 5 A, 0.1 Hz, 110 V: 0.3 A			
Max. switching capacity	1250 VA			
Contact material	AgSnO <sub>2</sub> + 0.2 μm HV			
Mechanical service life	2 x 10 <sup>7</sup> operations			
Switch-on delay	10 ms			
Switch-off delay	10 ms			
Clearance/creep. dist. (contol/load side)	>3.2 mm			
Reliability – B10d value DC 13	630,000 switching cycles (duty ratio 1:9, switching frequency 360/h, according to IEC 61810-2)			
Reliability – B10d value AC 15	1,410,000 switching cycles (duty ratio 1:9, switching frequency 360/h, according to IEC 61810-2)			
Rated insulation voltage (EN 50178)	250 V			
Inrush current	20 A (20 ms)			
<b>General</b>				
Housing material	PPE			
Protection class	IP 20			
Field installation	rail TS 35 (EN 50022)			
Insulation voltage input/output	4.0 kV <sub>eff</sub>			
Insulation resistance	≥100 MΩ			
Safe isolation	yes			
Operation temperature range	-25 °C – 70 °C			
Storage temperature range	-40 °C – 80 °C			
Dimensions (w × h × d)	22.5 × 60.0 × 67.0 mm			
Weight (kg/piece)	0.053			
Approvals	cULus			
Termination	Screw terminal: 0.08–2.5 mm <sup>2</sup>			
<b>Accessories</b>				
	<b>Colour</b>	<b>Article number</b>	<b>Type</b>	<b>PU</b>
Jumper comb 24pole, 26A	blue	760801	BK 6-0801	5
Tag holder 7×20 mm	white	760968	BZT-0720	100
Labels for laser printer 9 × 20 mm (Sheet with 270 labels)		681032	LEB-0924	1