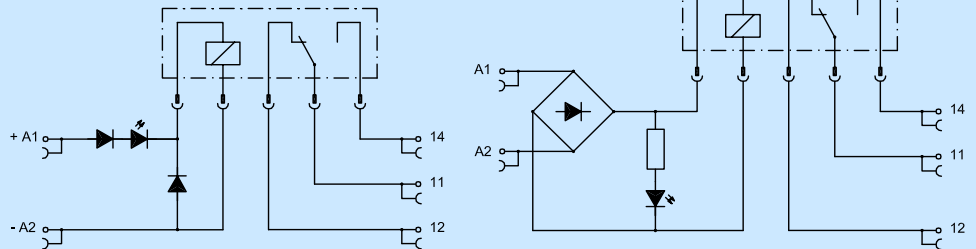


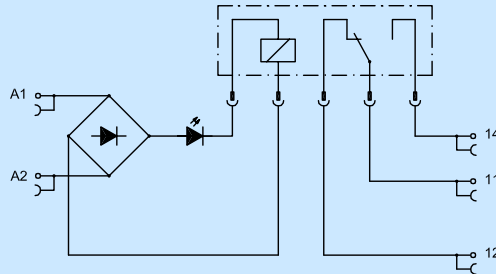
## Relay module with TOP connection technology and plug-in relay, output module



	Microcompact	Microcompact
Type	<b>RE 7-0821 DC 24 V</b>	<b>RE 7-0822 AC/DC 24 V</b>
Article no.	<b>760821</b>	<b>760822</b>
<b>Input Side</b>		
Rated Voltage	DC 24 V	AC/DC 24 V
Rated voltage range	0.85 – 1.25 Un	DC = 0.7 – 1.25 Un; AC = 0.8 – 1.25 Un
Rated current (at $U_N$ )	14 mA	21 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Reverse-connect protection, recovery diode	Bridge rectifier
Connection device	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/17 V	AC/DC 250 V/17 V
Switching current max./min.	6 A/0,005 A	6 A/0,005 A
Switching capacity	max. 1500 VA / DC see 'Load limit curve'	max. 1500 VA / DC see 'Load limit curve'
Inrush peak current		
Mechanical endurance	> 5 × 10 <sup>6</sup> operations	> 5 × 10 <sup>6</sup> operations
Switch-on delay	5 ms	7 ms
Switch-off time delay	4 ms	7 ms
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Connection device	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand

<b>General Data</b>		
Relays per module		
Installation of relay	plugged	plugged
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	6,2 mm × 90 mm × 92,5 mm	6,2 mm × 90 mm × 92,5 mm
Weight	0,035 kg/pcs	0,035 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA pending	UL, CSA pending

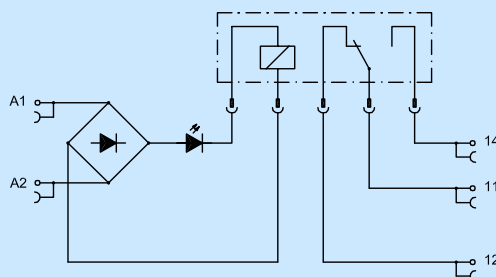
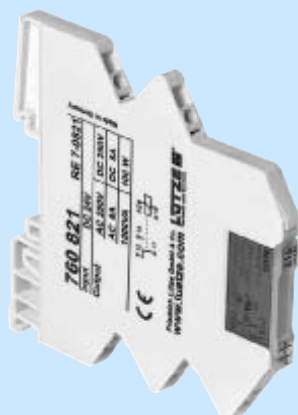
## Relay module with TOP connection technology and plug-in relay, output module



	Microcompact	Microcompact
Type	<b>RE 7-0826 AC/DC 115 V</b>	<b>RE 7-0827 AC/DC 230 V</b>
Article no.	<b>760826</b>	<b>760827</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 115 V	AC/DC 230 V
Rated voltage range	AC/DC 0.8 – 1.1 Un	AC/DC 0.8 – 1.1 Un
Rated current (at U <sub>N</sub> )	5 mA	5 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/17 V	AC/DC 250 V/17 V
Switching current max./min.	6 A/0,005 A	6 A/0,005 A
Switching capacity	max. 1500 VA / DC see 'Load limit curve'	max. 1500 VA / DC see 'Load limit curve'
Inrush peak current		
Mechanical endurance	> 5 × 10 <sup>6</sup> operations	> 5 × 10 <sup>6</sup> operations
Switch-on delay	8 ms	8 ms
Switch-off time delay	13 ms	13 ms
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Connection device	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand

<b>General Data</b>		
Relays per module		
Installation of relay	plugged	plugged
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	6,2 mm × 90 mm × 92,5 mm	6,2 mm × 90 mm × 92,5 mm
Weight	0,035 kg/pcs	0,035 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA pending	UL, CSA pending

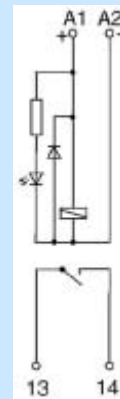
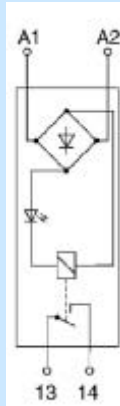
## Relay module with TOP connection technology and plug-in relay, input module



	Microcompact	Microcompact	Microcompact
Type	RE 7-0922 htv AC/DC 24 V	RE 7-0926 htv AC/DC 115 V	RE 7-0927 htv AC/DC 230 V
Article no.	760922	760926	760927
<b>Input Side</b>			
Rated Voltage	AC/DC 24 V	AC/DC 115 V	AC/DC 230 V
Rated voltage range	DC = 0.7 – 1.25 Un; AC = 0.8 – 1.25 Un	AC/DC 0.8 – 1.1 Un	AC/DC 0.8 – 1.1 Un
Rated current (at U <sub>N</sub> )	21 mA	5 mA	5 mA
Status Indication	Yellow LED	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand
<b>Load Side</b>			
Contact type	SPDT	SPDT	SPDT
Number of contacts	1	1	1
Switching voltage max./min.	AC/DC 5 V/1 V	AC/DC 250 V/5 V	AC/DC 250 V/5 V
Switching current max./min.	6 A/0,001 A	6 A/0,001 A	6 A/0,001 A
Switching capacity	max. 1500 VA / DC see 'Load limit curve'	max. 1500 VA / DC see 'Load limit curve'	max. 1500 VA / DC see 'Load limit curve'
Inrush peak current			
Mechanical endurance	> 5 × 10 <sup>6</sup> operations	> 5 × 10 <sup>6</sup> operations	> 5 × 10 <sup>6</sup> operations
Switch-on delay	7 ms	8 ms	8 ms
Switch-off time delay	7 ms	13 ms	13 ms
Contact material	AgSnO <sub>2</sub> hard gold-plated	AgSnO <sub>2</sub> hard gold-plated	AgSnO <sub>2</sub> hard gold-plated
Connection device	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand	Screw terminals, max. 2.5 mm <sup>2</sup> fine strand

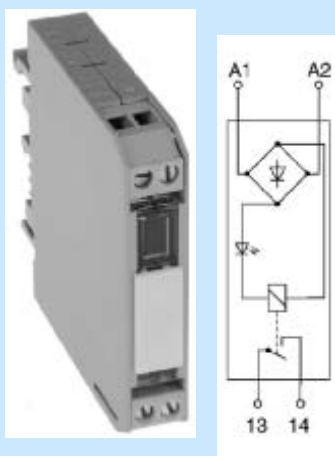
<b>General Data</b>			
Relays per module			
Installation of relay	plugged	plugged	plugged
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C	-25 °C – 60 °C
Safe isolation	yes	yes	yes
Dimensions (W × H × D)	6,2 mm × 90 mm × 92,5 mm	6,2 mm × 90 mm × 92,5 mm	6,2 mm × 90 mm × 92,5 mm
Weight	0,035 kg/pcs	0,035 kg/pcs	0,035 kg/pcs
Housing Material	PPE	PPE	PPE
Type of protection	IP20	IP20	IP20
CE conformity			
Approvals	UL, CSA pending	UL, CSA pending	UL, CSA pending

## Output module with 1 N/O contact



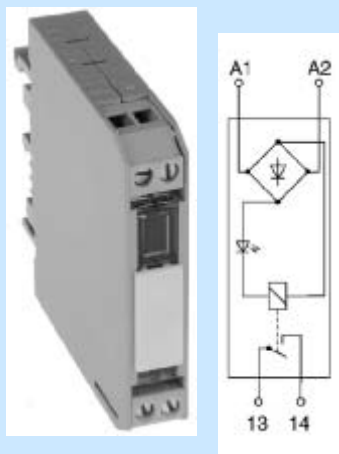
	Minicompact	Varioprint
Type	<b>RE-4-0711 AC/DC 24 V</b>	<b>RPE-0783 DC 24 V</b>
Article no.	<b>730711</b>	<b>710783</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	DC 24 V
Rated voltage range	19,7 V – 30 V	19,2 V – 30 V
Rated current (at $U_N$ )	20 mA	23 mA
Status Indication	Yellow LED	Green LED
Protection device	Bridge rectifier	Recovery diode
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	N/O contact	N/O contact
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/ V	AC/DC 250 V/ V
Switching current max./min.	5 A/0,1 A	5 A/0,01 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')	1250 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	15 A	15 A
Mechanical endurance	$3 \times 10^7$ operations	$3 \times 10^7$ operations
Switch-on delay	8 ms	7 ms
Switch-off time delay	4 ms	3 ms
Contact material	AgNi	AgNi 0.15 gold-flashed
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W x H x D)	11,5 mm x 67 mm x 60 mm	11 mm x 51 mm x 77 mm
Weight	0,035 kg/pcs	0,028 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA, VW approval	

## Output module with 1 N/O contact



	Minicompact	Minicompact
Type	<b>RE-4-0716 AC/DC 110 V</b>	<b>RE-4-0717</b>
Article no.	<b>730716</b>	<b>730717</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 110 V	AC/DC 230 V
Rated voltage range	88 V – 125 V	187 V – 242 V
Rated current (at $U_N$ )	4.6 mA	4.7 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	N/O contact	N/O contact
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/ V	AC/DC 250 V/ V
Switching current max./min.	5 A/0,1 A	5 A/0,1 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')	1250 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	15 A	15 A
Mechanical endurance	$3 \times 10^7$ operations	$30 \times 10^6$ operations
Switch-on delay	8 ms	8 ms
Switch-off time delay	4 ms	4 ms
Contact material	AgNi	AgNi
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W × H × D)	11,5 mm × 67 mm × 60 mm	11,5 mm × 67 mm × 60 mm
Weight	0,035 kg/pcs	0,035 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA	UL, CSA

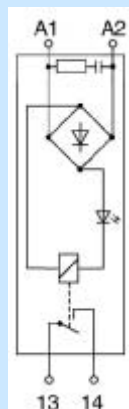
## Input module with 1 N/O contact



	<b>Minicompact</b>
Type	<b>RE-4-0841 AC/DC 24 V</b>
Article no.	<b>730841</b>
<b>Input Side</b>	
Rated Voltage	AC/DC 24 V
Rated voltage range	19,2 V – 30 V
Rated current (at $U_N$ )	12 mA
Status Indication	Yellow LED
Protection device	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>	
Contact type	N/O contact
Number of contacts	1
Switching voltage max./min.	AC/DC 250 V/1 V
Switching current max./min.	5 A/0,0001 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	15 A
Mechanical endurance	$2 \times 10^7$ operations
Switch-on delay	7 ms
Switch-off time delay	3 ms
Contact material	AgNi 0.15 hard gold-plated
Connection device	Screw terminals/4 mm <sup>2</sup>

<b>General Data</b>	
Relays per module	1
Installation of relay	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>
Dimensions (W x H x D)	11,5 mm x 67 mm x 60 mm
Weight	0,032 kg/pcs
Housing Material	PPE
Type of protection	IP20
CE conformity	yes
Approvals	UL, CSA, VW approval

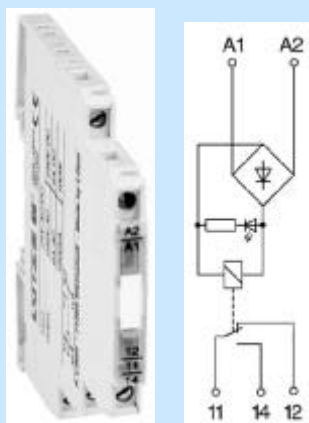
## Input module with 1 N/O contact and integrated base load on the input side, suitable for long termination cables (max. 350 m)



Minicompact	
Type	<b>RE4-4717 AC 230 V</b>
Article no.	<b>734717</b>
<b>Input Side</b>	
Rated Voltage	AC 230 V
Rated voltage range	184 V – 253 V
Rated current (at $U_N$ )	approx. 17 mA
Status Indication	Yellow LED
Protection device	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>	
Contact type	N/O contact
Number of contacts	1
Switching voltage max./min.	AC/DC 250 V/24 V
Switching current max./min.	5 A/0,01 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	
Mechanical endurance	$2 \times 10^7$ operations
Switch-on delay	8 ms
Switch-off time delay	10 ms
Contact material	AgNi 90/10
Connection device	Screw terminals/4 <sup>2</sup>

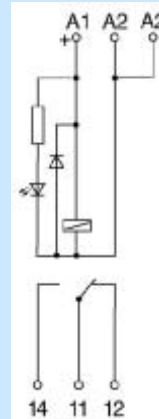
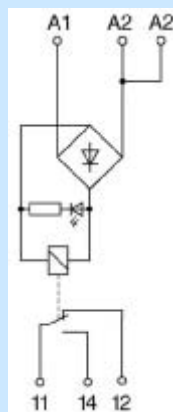
General Data	
Relays per module	1
Installation of relay	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	0 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>
Dimensions (W × H × D)	11,5 mm × 67 mm × 60 mm
Weight	0,04 kg/pcs
Housing Material	PPO
Type of protection	IP20
CE conformity	yes
Approvals	

## Output module with 1 SPDT



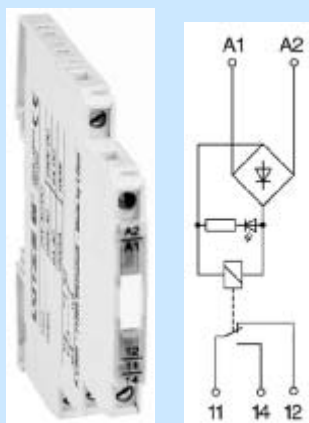
	Microcompact	Microcompact
Type	<b>RE 6-0022 AC/DC 24 V</b>	<b>RE 6-1022 AC/DC 24 V</b>
Article no.	<b>760022</b>	<b>761022</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	AC/DC 24 V
Rated voltage range	19,2 V – 30 V	19,2 V – 30 V
Rated current (at $U_N$ )	22 mA	22 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/15 V	AC/DC 250 V/15 V
Switching current max./min.	6 A/0,05 A	6 A/0,05 A
Switching capacity	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')
Inrush peak current	16 A for 4 ms	16 A for 4 ms
Mechanical endurance	$2 \times 10^7$ operations	$2 \times 10^7$ operations
Switch-on delay	5 ms	5 ms
Switch-off time delay	10 ms	10 ms
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered	soldered
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 70 °C	-25 °C – 70 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	6,2 mm × 84 mm × 79 mm	6,2 mm × 84 mm × 80 mm
Weight	0,025 kg/pcs	0,03 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA	UL, CSA

## Output module with 1 SPDT



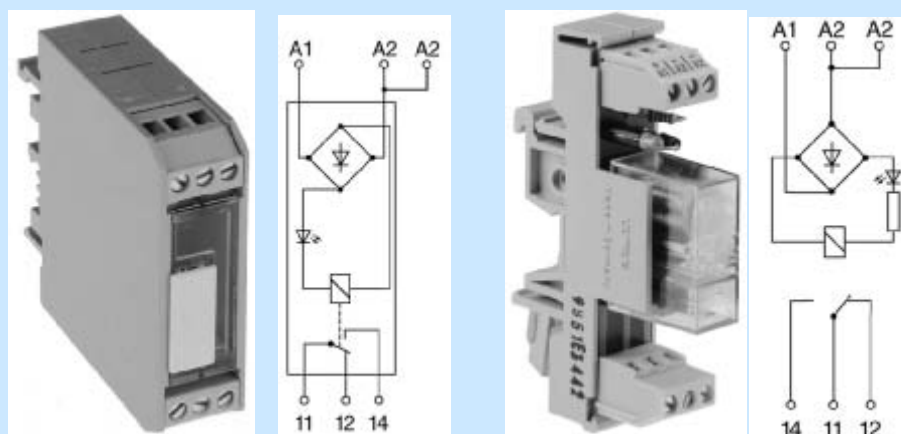
	Minicomact	Varioprint
Type	<b>RE-4-0732 AC/DC 24 V</b>	<b>RPE-1E/1W DC 24 V</b>
Article no.	<b>730732</b>	<b>710751</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	DC 24 V
Rated voltage range	19,2 V – 30 V	19,7 V – 30 V
Rated current (at $U_N$ )	20 mA	32 mA
Status Indication	Yellow LED	Green LED
Protection device	Bridge rectifier	Recovery diode
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/5 V	AC/DC V/ V
Switching current max./min.	5 A/0,1 A	10 A/0,5 A
Switching capacity	1250 VA	2200 VA (see Table 1, chapter on 'Interface technology General principles')
Inrush peak current	15 A	AC 15 A
Mechanical endurance	3 × 10 <sup>7</sup> operations	5 × 10 <sup>7</sup> operations
Switch-on delay	8 ms	10 ms
Switch-off time delay	4 ms	5 ms
Contact material	AgNi	AgCdO
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered	soldered
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W × H × D)	17,5 mm × 67 mm × 60 mm	17,5 mm × 57 mm × 77 mm
Weight	0,043 kg/pcs	0,048 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA	

## Output module with 1 SPDT



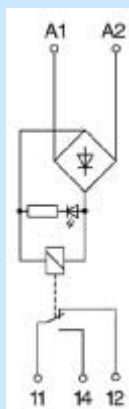
	Microcompact	Microcompact
Type	<b>RE 6-0027 AC/DC 230 V</b>	<b>RE 6-1027 AC/DC 230 V</b>
Article no.	<b>760027</b>	<b>761027</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 230 V	AC/DC 230 V
Rated voltage range	184 V – 253 V	184 V – 253 V
Rated current (at $U_N$ )	3.5 mA	3.5 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/15 V	AC/DC 250 V/15 V
Switching current max./min.	6 A/0,05 A	6 A/0,05 A
Switching capacity	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')
Inrush peak current	16 A for 4 ms	16 A for 4 ms
Mechanical endurance	2 × 10 <sup>7</sup> operations	2 × 10 <sup>7</sup> operations
Switch-on delay	10 ms	10 ms
Switch-off time delay	15 ms	15 ms
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered	soldered
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 70 °C	-25 °C – 70 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	6,2 mm × 84 mm × 79 mm	6,2 mm × 84 mm × 80 mm
Weight	0,025 kg/pcs	0,035 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA	UL, CSA

## Output module with 1 SPDT



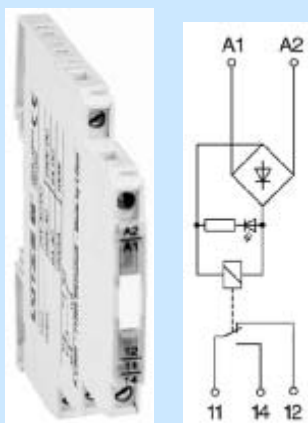
	Minicomact	Varioprint
Type	RE-4-1737 AC/DC 230 V	RPE-1E/1W AC/DC 230 V
Article no.	731737	710773
<b>Input Side</b>		
Rated Voltage	AC/DC 230 V	AC/DC 230 V
Rated voltage range	187 V – 242 V	187 V – 242 V
Rated current (at $U_N$ )	5 mA	5 mA
Status Indication	Green LED	Green LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/ V	AC/DC 250 V/ V
Switching current max./min.	5 A/0,1 A	10 A/0,1 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')	2200 VA (see Table 1, chapter on 'Interface technology General principles')
Inrush peak current	15 A	15 A
Mechanical endurance	3 × 10 <sup>7</sup> operations	5 × 10 <sup>7</sup> operations
Switch-on delay	8 ms	10 ms
Switch-off time delay	4 ms	5 ms
Contact material	AgNi	AgCdO
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered	soldered
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W × H × D)	17,5 mm × 67 mm × 60 mm	17,5 mm × 57 mm × 77 mm
Weight	0,045 kg/pcs	0,046 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals		

## Output module with 1 SPDT



	Microcompact	Microcompact
Type	<b>RE 6-0026 AC/DC 110 V</b>	<b>RE 6-1026 AC/DC 110 V</b>
Article no.	<b>760026</b>	<b>761026</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 110 V	AC/DC 110 V
Rated voltage range	77 V – 137,5 V	77 V – 137,5 V
Rated current (at $U_N$ )	7 mA	7 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/15 V	AC/DC 250 V/15 V
Switching current max./min.	6 A/0,05 A	6 A/0,05 A
Switching capacity	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')
Inrush peak current	16 A for 4 ms	16 A for 4 ms
Mechanical endurance	2 × 10 <sup>7</sup> operations	2 × 10 <sup>7</sup> operations
Switch-on delay	5 ms	5 ms
Switch-off time delay	10 ms	10 ms
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered	soldered
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 70 °C	-25 °C – 70 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	6,2 mm × 84 mm × 79 mm	6,2 mm × 84 mm × 80 mm
Weight	0,025 kg/pcs	0,035 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA	UL, CSA

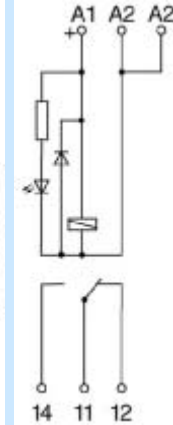
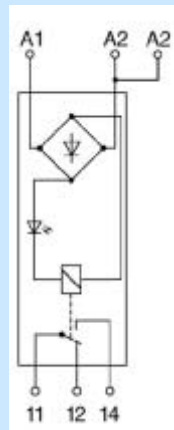
## Input module with 1 SPDT



	Microcompact	Microcompact
Type	<b>RE 6-0222 AC/DC 24 V</b>	<b>RE 6-1222 AC/DC 24 V</b>
Article no.	<b>760222</b>	<b>761222</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	AC/DC 24 V
Rated voltage range	19,2 V – 30 V	19,2 V – 30 V
Rated current (at $U_N$ )	22 mA	22 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/1 V	AC/DC 250 V/1 V
Switching current max./min.	6 A/0,005 A	6 A/0,001 A
Switching capacity	max. 1500 VA (see Table 2, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	16 A < 4 ms	16 A < 4 ms
Mechanical endurance	2 × 10 <sup>7</sup> operations	2 × 10 <sup>7</sup> operations
Switch-on delay	5 ms	ca. 5 ms
Switch-off time delay	10 ms	ca. 10 ms
Contact material	AgSnO <sub>2</sub> hard gold-plated	AgSnO <sub>2</sub> hard gold-plated
Connection device	Screw terminal - one-wire 4 mm <sup>2</sup> - fine strand 2.5 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>

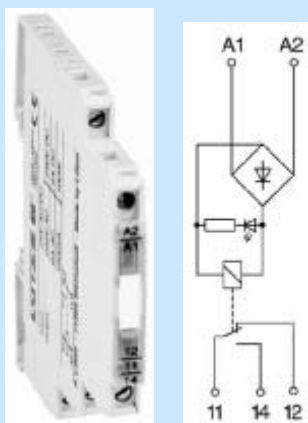
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 70 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	6,2 mm × 79 mm × 84 mm	6,2 mm × 84 mm × 80 mm
Weight	0,025 kg/pcs	0,03 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA	UL, CSA

## Input module with 1 SPDT



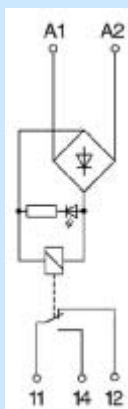
	Minicompact	Varioprint
Type	<b>RE-4-0842 AC/DC 24 V</b>	<b>RPE-1E1/1W</b>
Article no.	<b>730842</b>	<b>712751</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	DC 24 V
Rated voltage range	19,2 V – 30 V	15 V – 28,6 V
Rated current (at $U_N$ )	12 mA	45 mA
Status Indication	Yellow LED	Green LED
Protection device	Bridge rectifier	Recovery diode
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/1 V	AC/DC 250 V/ V
Switching current max./min.	5 A/0,0001 A	5 A/0,01 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')	1100 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	15 A	8 A
Mechanical endurance	$2 \times 10^7$ operations	$5 \times 10^7$ operations
Switch-on delay	7 ms	10 ms
Switch-off time delay	3 ms	5 ms
Contact material	AgNi 0.15 hard gold-plated	Ag, 5 µm hard gold-plated
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	4500 V <sub>eff</sub>	1000 V <sub>eff</sub>
Dimensions (W × H × D)	17,5 mm × 76 mm × 60 mm	17,5 mm × 57 mm × 77 mm
Weight	0,032 kg/pcs	0,044 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals		

## Input module with 1 SPDT



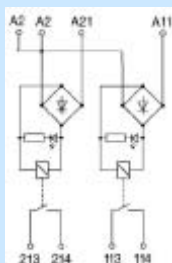
	Microcompact	Microcompact
Type	<b>RE 6-0227 AC/DC 230 V</b>	<b>RE 6-1227 AC/DC 230 V</b>
Article no.	<b>760227</b>	<b>761227</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 230 V	AC/DC 230 V
Rated voltage range	184 V – 253 V	184 V – 253 V
Rated current (at $U_N$ )	3.5 mA	3.5 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/1 V	AC/DC 250 V/1 V
Switching current max./min.	6 A/0,001 A	6 A/0,001 A
Switching capacity	max. 1500 VA (see Table 2, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	16 A < 4 ms	16 A < 4 ms
Mechanical endurance	2 × 10 <sup>7</sup> operations	2 × 10 <sup>7</sup> operations
Switch-on delay	10 ms	10 ms
Switch-off time delay	15 ms	15 ms
Contact material	AgSnO <sub>2</sub> hard gold-plated	AgSnO <sub>2</sub> hard gold-plated
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 70 °C	-25 °C – 70 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	6,2 mm × 84 mm × 79 mm	6,2 mm × 84 mm × 80 mm
Weight	0,025 kg/pcs	0,025 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals		

## Input module with 1 SPDT



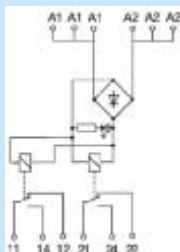
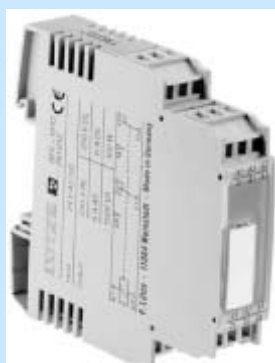
	Microcompact	Microcompact
Type	<b>RE 6-0226 AC/DC 110 V</b>	<b>RE 6-1226 AC/DC 110 V</b>
Article no.	<b>760226</b>	<b>761226</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 110 V	AC/DC 110 V
Rated voltage range	77,5 V – 137,5 V	77,5 V – 137,5 V
Rated current (at $U_N$ )	7 mA	7 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	1
Switching voltage max./min.	AC/DC 250 V/1 V	AC/DC 250 V/1 V
Switching current max./min.	6 A/0,001 A	6 A/0,001 A
Switching capacity	max. 1500 VA (see Table 2, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	16 A < 4 ms	16 A < 4 ms
Mechanical endurance	2 × 10 <sup>7</sup> operations	2 × 10 <sup>7</sup> operations
Switch-on delay	ca. 5 ms	5 ms
Switch-off time delay	ca. 10 ms	10 ms
Contact material	AgSnO <sub>2</sub> hard gold-plated	AgSnO <sub>2</sub> hard gold-plated
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 70 °C	-25 °C – 70 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	6,2 mm × 84 mm × 79 mm	6,2 mm × 84 mm × 80 mm
Weight	0,025 kg/pcs	0,025 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA	UL, CSA

## Output module with 2 N/O contacts



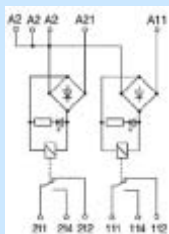
	Microcompact	Microcompact
Type	<b>RE 6-0052 AC/DC 24 V</b>	<b>RE 6-0052 AC/DC 24 V</b>
Article no.	<b>760052</b>	<b>761052</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	AC/DC 24 V
Rated voltage range	19,2 V – 30 V	19,2 V – 30 V
Rated current (at $U_N$ )	12 mA	12 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	N/O contact	N/O contact
Number of contacts	2	2
Switching voltage max./min.	AC/DC 250 V/15 V	AC/DC 250 V/15 V
Switching current max./min.	6 A/0,05 A	6 A/0,05 A
Switching capacity	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')
Inrush peak current	16 A for < 4 ms	16 A for < 4 ms
Mechanical endurance	2 × 10 <sup>7</sup> operations	2 × 10 <sup>7</sup> operations
Switch-on delay	5 ms	5 ms
Switch-off time delay	15 ms	15 ms
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	2	2
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	12,5 mm × 84 mm × 79 mm	12,5 mm × 84 mm × 80 mm
Weight	0,053 kg/pcs	0,053 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	UL, CSA	UL, CSA

## Output module with 2 SPDTs



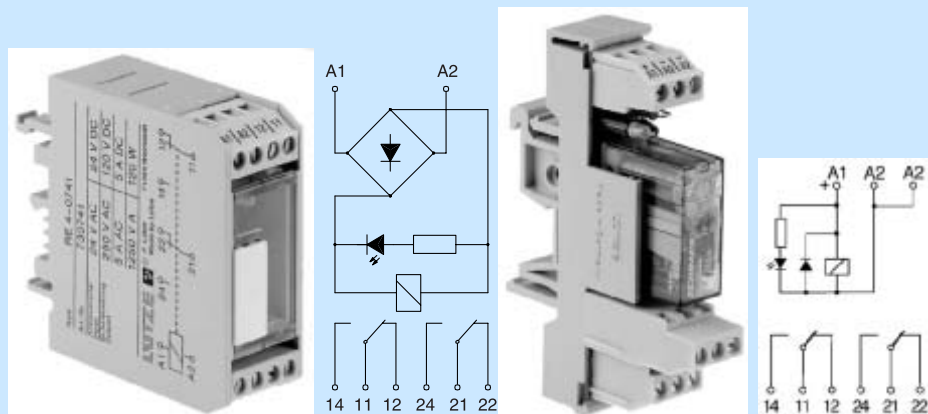
	Microcompact	Microcompact
Type	<b>RE 6-0042 AC/DC 24 V</b>	<b>RE 6-1042 AC/DC 24 V</b>
Article no.	<b>760042</b>	<b>761042</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	AC/DC 24 V
Rated voltage range	19,2 V – 30 V	19,2 V – 30 V
Rated current (at $U_N$ )	24 mA	24 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	2	2
Switching voltage max./min.	AC/DC 250 V/15 V	AC/DC 250 V/15 V
Switching current max./min.	6 A/0,05 A	6 A/0,05 A
Switching capacity	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')
Inrush peak current	16 A for < 4 ms	15 A for max. 2 s
Mechanical endurance	2 × 10 <sup>7</sup> operations	2 × 10 <sup>7</sup> operations
Switch-on delay	8 ms	8 ms
Switch-off time delay	15 ms	15 ms
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	2	2
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	17,5 mm × 84 mm × 79 mm	17,5 mm × 84 mm × 80 mm
Weight	0,068 kg/pcs	0,06 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals		

## Output module with 2 SPDTs



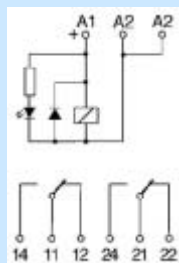
	Microcompact	Microcompact
Type	<b>RE 6-0062 AC/DC 24 V</b>	<b>RE 6-1062 AC/DC 24 V</b>
Article no.	<b>760062</b>	<b>761062</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	AC/DC 24 V
Rated voltage range	19,2 V – 30 V	19,2 V – 30 V
Rated current (at $U_N$ )	12 mA per relay	12 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	2	2
Switching voltage max./min.	AC/DC 250 V/15 V	AC/DC 250 V/15 V
Switching current max./min.	6 A/0,05 A	6 A/0,05 A
Switching capacity	max. 1500 VA/100 W (see Table 3, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')
Inrush peak current	16 A for < 4 ms	16 A for < 4 ms
Mechanical endurance	2 × 10 <sup>7</sup> operations	2 × 10 <sup>7</sup> operations
Switch-on delay	8 ms	8 ms
Switch-off time delay	15 ms	15 ms
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	2	2
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	17,5 mm × 84 mm × 79 mm	17,5 mm × 84 mm × 80 mm
Weight	0,068 kg/pcs	0,068 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals		

## Output module with 2 SPDTs



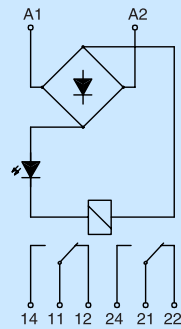
	Minicomcompact	Varioprint
Type	<b>RE-4-0741 AC/DC 24 V</b>	<b>RPE-1E2/2W DC 24 V</b>
Article no.	<b>730741</b>	<b>710755</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	DC 24 V
Rated voltage range	20,4 V – 30 V	16,8 V – 30 V
Rated current (at $U_N$ )	22 mA	32 mA
Status Indication	Yellow LED	Green LED
Protection device	Bridge rectifier	Recovery diode
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	2	2
Switching voltage max./min.	AC/DC 250 V/ V	AC/DC 250 V/ V
Switching current max./min.	5 A/0,5 A	5 A/0,5 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')	1200 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current		7 A
Mechanical endurance	$3 \times 10^7$ operations	$3 \times 10^7$ operations
Switch-on delay	8 ms	8 ms
Switch-off time delay	3 ms	3 ms
Contact material	AgCdO	AgCdO
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	2500 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W × H × D)	22,5 mm × 67 mm × 60 mm	17,5 mm × 57 mm × 77 mm
Weight	0,055 kg/pcs	0,054 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals		

## Output module with 2 SPDTs



Varioprint	
Type	<b>RPE-1E2S/2W DC 24 V</b>
Article no.	<b>710763</b>
<b>Input Side</b>	
Rated Voltage	DC 24 V
Rated voltage range	20,7 V – 30 V
Rated current (at $U_N$ )	32 mA
Status Indication	Green LED
Protection device	Recovery diode
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>	
Contact type	SPDT
Number of contacts	2
Switching voltage max./min.	AC/DC 250 V/ V
Switching current max./min.	3 A/0,1 A
Switching capacity	1200 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	7 A
Mechanical endurance	5 × 10 <sup>7</sup> operations
Switch-on delay	10 ms
Switch-off time delay	5 ms
Contact material	AgCdO
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>	
Relays per module	1
Installation of relay	plug-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>
Dimensions (W × H × D)	17,5 mm × 65 mm × 77 mm
Weight	0,058 kg/pcs
Housing Material	PPE
Type of protection	IP20
CE conformity	yes
Approvals	

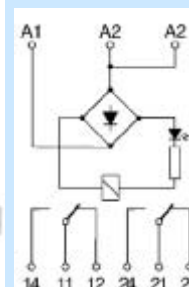
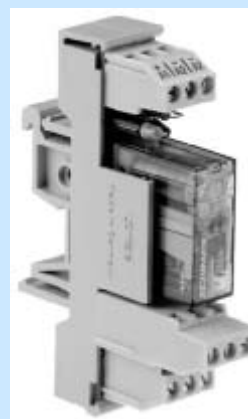
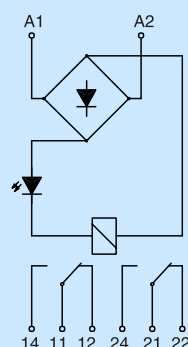
## Output module with 2 SPDTs



Minicompact	
Type	<b>RE4-0746 AC/DC 110 V</b>
Article no.	<b>730746</b>
<b>Input Side</b>	
Rated Voltage	AC/DC 110 V
Rated voltage range	88 V – 121 V
Rated current (at $U_N$ )	4 mA
Status Indication	Yellow LED
Protection device	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>	
Contact type	SPDT
Number of contacts	2
Switching voltage max./min.	AC/DC 250 V/ V
Switching current max./min.	5 A/0,5 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	
Mechanical endurance	$3 \times 10^7$ operations
Switch-on delay	8 ms
Switch-off time delay	3 ms
Contact material	AgNi 90/10
Connection device	Screw terminals/4 mm <sup>2</sup>

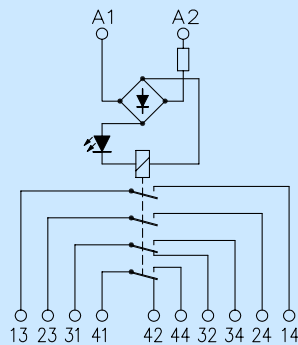
General Data	
Relays per module	1
Installation of relay	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C
Rated isolation voltage input/output	2500 V <sub>eff</sub>
Dimensions (W x H x D)	17,5 mm x 57 mm x 60 mm
Weight	0,055 kg/pcs
Housing Material	PPE
Type of protection	IP20
CE conformity	yes
Approvals	

## Output module with 2 SPDTs



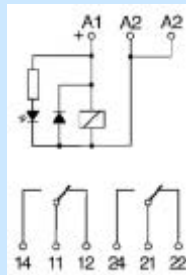
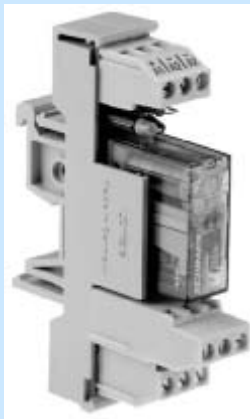
	Minicomact	Varioprint
Type	<b>RE4-0747 AC 230 V</b>	<b>RPE-1E2/2W AC/DC 230 V</b>
Article no.	<b>730747</b>	<b>710775</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 230 V	AC/DC 230 V
Rated voltage range	184 V – 253 V	187 V – 242 V
Rated current (at $U_N$ )	4 mA	6 mA
Status Indication	Yellow LED	Green LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	2	2
Switching voltage max./min.	AC/DC 250 V/ V	AC/DC 250 V/ V
Switching current max./min.	5 A/0,5 A	5 A/0,1 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')	1200 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current		7 A
Mechanical endurance	$3 \times 10^7$ operations	$3 \times 10^7$ operations
Switch-on delay	8 ms	8 ms
Switch-off time delay	3 ms	3 ms
Contact material	AgNi 90/10	AgNi 0.15 gold-flashed
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	2500 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W × H × D)	22,5 mm × 67 mm × 60 mm	17,5 mm × 57 mm × 77 mm
Weight	0,055 kg/pcs	0,056 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals		
Note	On request, also available with AC/DC 115 V	

## Output module with 4 switch contacts



Microcompact	
Type	<b>RE 6-0751</b>
Article no.	<b>760751</b>
Input Side	
Rated Voltage	AC/DC 24 V
Rated voltage range	20,8 V – 30 V
Rated current (at $U_N$ )	36 mA
Status Indication	Yellow LED
Protection device	Bridge rectifier
Connection device	Screw terminals 0.25 – 2.5 mm <sup>2</sup> fine strand
Load Side	
Contact type	N/O contact / SPDT
Number of contacts	4
Switching voltage max./min.	AC/DC 250 V/24 V
Switching current max./min.	6 A/1 A
Switching capacity	2000 VA/W
Inrush peak current	
Mechanical endurance	$3 \times 10^7$ operations
Switch-on delay	ca. 8 ms
Switch-off time delay	ca. 15 ms
Contact material	AgSnO <sub>2</sub>
Connection device	Screw terminals 0.25 – 2.5 mm <sup>2</sup> fine strand
General Data	
Relays per module	1
Installation of relay	soldered-in
Mount	Can be snapped onto 35 mm top hat profile (EN 50 022)
Operating temperature range	-25 °C – 60 °C
Rated isolation voltage input/output	2500 V <sub>eff</sub>
Dimensions (W x H x D)	22,5 mm x 84 mm x 77,5 mm
Weight	0,089 kg/pcs
Housing Material	PPE
Type of protection	IP20
CE conformity	yes
Approvals	Switching capacity compliant with EN 60947-5-1

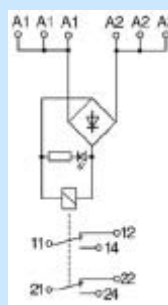
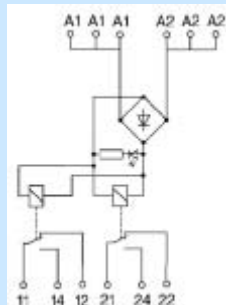
## Input module with 2 SPDTs



Varioprint	
Type	<b>RPE-1E2/2W DC 24 V</b>
Article no.	<b>711755</b>
<b>Input Side</b>	
Rated Voltage	DC 24 V
Rated voltage range	19,2 V – 30 V
Rated current (at $U_N$ )	32 mA
Status Indication	Green LED
Protection device	Recovery diode
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>	
Contact type	SPDT
Number of contacts	2
Switching voltage max./min.	AC/DC 250 V/ V
Switching current max./min.	5 A/0,001 A
Switching capacity	1250 VA (see Table 2, chapter on 'Interface technology General principles')
Inrush peak current	15 A
Mechanical endurance	3 × 10 <sup>7</sup> operations
Switch-on delay	10 ms
Switch-off time delay	5 ms
Contact material	AgNi 0.15 hard gold-plated
Connection device	Screw terminals/4 mm <sup>2</sup>

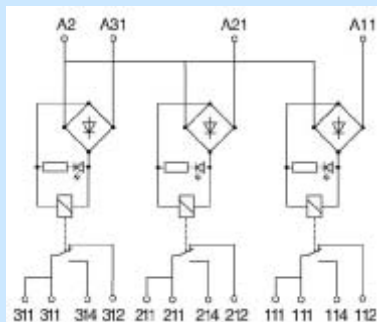
General Data	
Relays per module	1
Installation of relay	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>
Dimensions (W × H × D)	17,5 mm × 57 mm × 77 mm
Weight	0,056 kg/pcs
Housing Material	PPE
Type of protection	IP20
CE conformity	yes
Approvals	

## Input module with 2 SPDTs and extended input voltage range



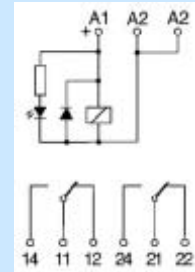
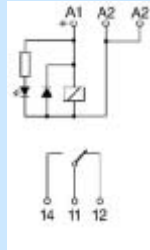
	Microcompact	Microcompact
Type	<b>RE6-2002 DC 24 V</b>	<b>RE 6-2012 DC 110 V</b>
Article no.	<b>762002</b>	<b>762012</b>
<b>Input Side</b>		
Rated Voltage	DC 24 V	DC 110 V
Rated voltage range	16,8 V – 30 V	77 V – 137,5 V
Rated current (at $U_N$ )	35 mA	approx. 10 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Spring clamps/2.5 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	2	2
Switching voltage max./min.	AC/DC 250 V/1 V	AC/DC 250 V/17 V
Switching current max./min.	6 A/0,001 A	6 A/0,001 A
Switching capacity	max. 1500 VA (DC see Table 3)	max. 1500 VA/100W
Inrush peak current	15 A (max. 2 s at 5% ED)	15 A (max. 2 s at 5% ED)
Mechanical endurance	> 20 × 10 <sup>6</sup> operations	> 20 × 10 <sup>6</sup> operations
Switch-on delay	8 ms	8 ms
Switch-off time delay	15 ms	15 ms
Contact material	AgNi 0.15 hard gold-plated	AgNi 0.15 hard gold-plated
Connection device	Spring clamps/2.5 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	2	2
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 70 °C	-25 °C – 70 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	17,5 mm × 84 mm × 80 mm	17,5 mm × 84 mm × 80 mm
Weight	0,06 kg/pcs	0,06 kg/pcs
Housing Material	PPE	PPO
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals	Approval for use in ships GL (German Lloyd)	Approval for use in ships GL (German Lloyd)

## Output module with 3 SPDTs



	Microcompact	Microcompact
Type	<b>RE 6-0082 AC/DC 24 V</b>	<b>RE 6-1082 AC/DC 24 V</b>
Article no.	<b>760082</b>	<b>761082</b>
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	AC/DC 24 V
Rated voltage range	19,2 V – 30 V	19,2 V – 30 V
Rated current (at $U_N$ )	12 mA	12 mA
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	3	3
Switching voltage max./min.	AC/DC 250 V/15 V	AC/DC 250 V/15 V
Switching current max./min.	6 A/0,05 A	6 A/0,05 A
Switching capacity	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')	max. 1500 VA (see Table 3, chapter on 'Interface technology General principles')
Inrush peak current	16 A for < 4 ms	16 A for < 4 ms
Mechanical endurance	2 × 10 <sup>7</sup> operations	2 × 10 <sup>7</sup> operations
Switch-on delay	8 ms	8 ms
Switch-off time delay	15 ms	15 ms
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	3	3
Installation of relay	soldered-in	soldered-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Safe isolation	yes	yes
Dimensions (W × H × D)	17,5 mm × 84 mm × 79 mm	17,5 mm × 84 mm × 80 mm
Weight	0,089 kg/pcs	0,089 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Approvals		

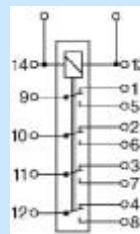
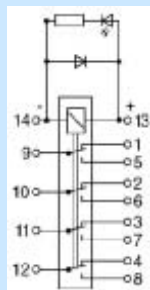
## Relay base for plug-in relays



	Varioprint	Varioprint
Type	<b>RPE-1E1S/1W DC 24 V</b>	<b>RPE-1E2S/2W DC 24 V</b>
Article no.	<b>710150</b>	<b>710152</b>
<b>Input Side</b>		
Rated Voltage	DC 24 V	DC 24 V
Rated current (at $U_N$ )	11 mA without coil current	11 mA without coil current
Status Indication	Green LED	Green LED
Protection device	Recovery diode	Recovery diode
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	2
Switching voltage max./min.	AC/DC 250 V/ V	AC/DC 250 V/ V
Switching current max./min.	6 A/ A	3 A/ A
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>

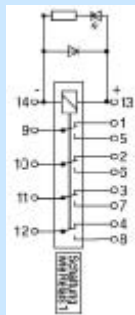
<b>General Data</b>		
Relays per module	1	1
Installation of relay	plug-in	plug-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W × H × D)	17,5 mm × 57 mm × 77 mm	17,5 mm × 57 mm × 77 mm
Weight	0,034 kg/pcs	0,042 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP20	IP20
CE conformity	yes	yes
Accessories	Matching relay: part no. 712 013	Matching relay: part no. 712 014

## Relay base for 1 industrial relay with 4 SPDTs



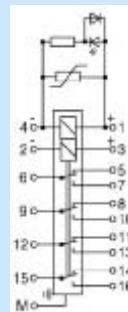
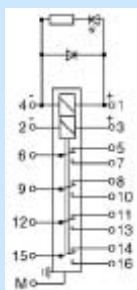
	Varioprint	Varioprint
Type	<b>RPE-1U/4W</b>	<b>RPE-1 U/4W AC 230 V</b>
Article no.	<b>710738</b>	<b>710730</b>
<b>Input Side</b>		
Rated Voltage	DC 24 V	230 V
Rated current (at $U_N$ )	11 mA without coil current	11 mA without coil current
Status Indication	Green LED	
Protection device	Recovery diode	
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	4	4
Switching voltage max./min.	AC/DC 250 V/ V	AC/DC 250 V/ V
Switching current max./min.	5 A/ A	5 A/ A
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	plug-in	plug-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W × H × D)	30 mm × 57 mm × 77 mm	30 mm × 57 mm × 77 mm
Weight	0,064 kg/pcs	0,064 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP00	IP00
CE conformity	yes	yes
Accessories	Matching relay, part no. 712 006 Holding bracket, part no. 712 009	Matching relay, part no. 712 008 Holding bracket, part no. 712 009

## Relay base for 2 industrial relays each with 4 SPDTs



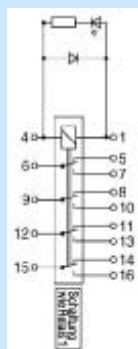
Varioprint	
Type	<b>RPE-2U/4W DC 24 V</b>
Article no.	<b>710748</b>
<b>Input Side</b>	
Rated Voltage	DC 24 V
Rated current (at $U_N$ )	11 mA without coil current
Status Indication	Green LED
Protection device	Recovery diode
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>	
Contact type	SPDT
Number of contacts	4
Switching voltage max./min.	AC/DC 250 V/ V
Switching current max./min.	5 A/ A
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>	
Relays per module	2
Installation of relay	plug-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>
Dimensions (W × H × D)	50 mm × 57 mm × 77 mm
Weight	0,11 kg/pcs
Housing Material	PPE
Type of protection	IP00
CE conformity	yes
Accessories	Matching relay, part no. 712 006 Holding bracket, part no. 712 009

## Relay base for 1 cradle relay, size 2, each with 4 SPDTs, also suitable for size 1 + 2 with 2 SPDTs



	Varioprint	Varioprint
Type	<b>RPE-1K/4W DC 24 V</b>	<b>RPE-1 K/4W AC 230 V</b>
Article no.	<b>710718</b>	<b>710710</b>
<b>Input Side</b>		
Rated Voltage	DC 24 V	AC/DC 230 V
Rated current (at $U_N$ )	11 mA without coil current	depending on relay
Status Indication	Green LED	
Protection device	Recovery diode	Varistor
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	4	4
Switching voltage max./min.	AC/DC 250 V/ V	AC/DC 250 V/ V
Switching current max./min.	4 A/ A	4 A/ A
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
Relays per module	1	1
Installation of relay	plug-in	plug-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W × H × D)	35 mm × 57 mm × 77 mm	35 mm × 57 mm × 77 mm
Weight	0,07 kg/pcs	0,07 kg/pcs
Housing Material	PPE	PPE
Type of protection	IP00	IP00
CE conformity	yes	yes
Accessories	Matching relay, part no. 712 003 Holding bracket, part no. 712 005	Matching relay, part no. 712 001 Holding bracket, part no. 712 002

## Relay base for 2 cradle relays, size 2, each with 4 SPDTs, also suitable for size 1 + 2 with 2 SPDTs



Varioprint	
Type	<b>RPE-2K/4W DC 24 V</b>
Article no.	<b>710728</b>
<b>Input Side</b>	
Rated Voltage	DC 24 V
Rated current (at $U_N$ )	11 mA without coil current
Status Indication	Green LED
Protection device	Recovery diode
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>	
Contact type	SPDT
Number of contacts	4
Switching voltage max./min.	AC/DC 250 V/ V
Switching current max./min.	4 A/ A
Connection device	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>	
Relays per module	2
Installation of relay	plug-in
Mount	Can be snapped onto top hat profile TS35 (EN 50 022)
Operating temperature range	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>
Dimensions (W × H × D)	50 mm × 57 mm × 77 mm
Weight	0,106 kg/pcs
Housing Material	PPE
Type of protection	IP00
CE conformity	yes
Accessories	Matching relay, part no. 712 003 Holding bracket, part no. 712 005

## Plug-in compact switching relay with double-throw contacts



Type	LKSR-2013 DC 24 V	LKSR-2014 DC 24 V
Article no.	712013	712014
<b>Input Side</b>		
Rated Voltage	DC 24 V	DC 24 V
Rated current (at $U_N$ )	21 mA	13 mA
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	1	2
Switching voltage max./min.	AC/DC 250 V/ V	AC/DC 250 V/ V
Switching current max./min.	10 A/0,5 A	5 A/0,1 A
Switching capacity	2200 VA/30 W see Table 1, chapter on 'Interface technology General principles')	2200 VA (see Table 2, chapter on 'Interface technology General principles')
Mechanical endurance	$5 \times 10^7$ operations	$5 \times 10^7$ operations
Contact material	AgCdO	AgCdO
<b>General Data</b>		
Operating temperature range	-25 °C – 60 °C	-25 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>	4000 V <sub>eff</sub>
Dimensions (W × H × D)	12 mm × 25 mm × 29 mm	12 mm × 25 mm × 29 mm
Weight	0,012 kg/pcs	0,012 kg/pcs
Type of protection	IP40	IP40
Accessories	Matching relay base, part no. 710 150	Matching relay base, part no. 710 152

## Plug-in relay with 4 SPDTs



	Industrial relay	Cradle relay
Type	<b>LKR-2006 4 W DC 24 V</b>	<b>LKR-2003 4 W DC 24 V</b>
Article no.	<b>712006</b>	<b>712003</b>
<b>Input Side</b>		
Rated Voltage	DC 24 V	DC 24 V
Rated current (at $U_N$ )	38 mA	27 mA
<b>Load Side</b>		
Contact type	SPDT	SPDT
Number of contacts	4	4
Switching voltage max./min.	AC/DC 250 V/110 V	AC/DC 125 V/110 V
Switching current max./min.	5 A/0,1 A	2 A/0,1 A
Switching capacity	1250 VA/90 W (voltage-independent)	50 VA/70 W (voltage-independent)
Mechanical endurance	approx. $5 \times 10^7$ operations	approx. $10^7$ operations
Contact material	Silver, gold-flashed	Silver, gold-flashed
<b>General Data</b>		
Operating temperature range	-20 °C – 50 °C	-40 °C – 70 °C
Rated isolation voltage input/output	2500 $V_{\text{eff}}$	500 $V_{\text{eff}}$
Dimensions (W x H x D)	21 mm x 36 mm x 28 mm	19 mm x 29,5 mm x 29 mm
Weight	0,032 kg/pcs	0,029 kg/pcs
Type of protection	IP40	IP40
Accessories	Matching relay base, part no. 710 738, 710 748 Holding clamp, part no. 712 009	Matching relay base, part no. 710 718, 710 728 Holding bracket, part no. 712 005