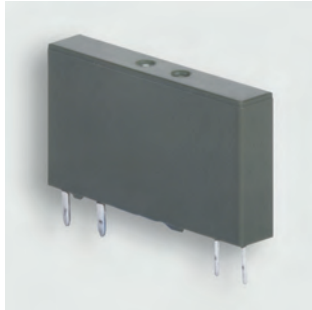
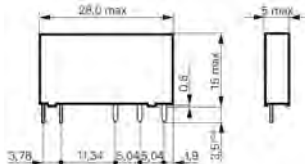


Interface Technology · Microcompact Relay Module

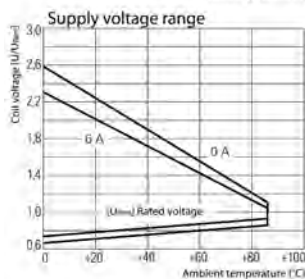
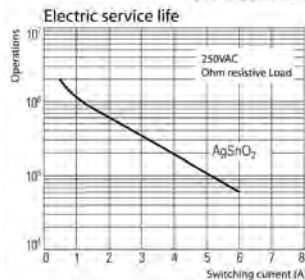
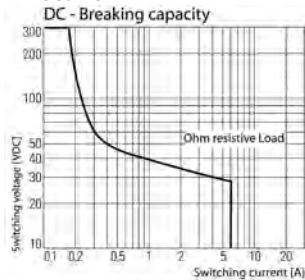
Replacement relay, 1 CO contact
 AC/DC 250 V, 6 A, 1500 VA
 Contact material: AgSnO₂, AgSnO₂+5 μm HV



Dimensions



Limit curve



Description	Part-No.	Type	PU	
Relay with AgSnO₂				
Nominal voltage	DC 12 V	768001	Relais-SNR 12V 1W	20
	DC 24 V	768002	Relais-SNR 24V 1W	20
	DC 60 V	768003	Relais-SNR 60V 1W	20
Relay with AgSnO₂ + 5 μm HV				
Nominal voltage	DC 12 V	768005	Relais-SNR 12V 1W HTV	20
	DC 24 V	768006	Relais-SNR 24V 1W HTV	20
	DC 60 V	768007	Relais-SNR 60V 1W HTV	20

Input

Nominal voltage	DC: 12 to 60 V
Input voltage	DC: ±30 %
Rated current	- A
Power consumption	DC: 170 mW
Interrupting voltage	DC: >0.1 U _n
Input characteristic impedance	-
Status Indication	-

Output

Contact type	1 change over contact
Min. switching voltage	AgSnO ₂ : AC/DC 17 V; AgSnO ₂ +5 μm HV: AC/DC 1 V
Max. switching voltage	AC/DC 250 V
Min. switching current	AgSnO ₂ : AC/DC 5 mA, AgSnO ₂ +5 μm HV: AC/DC 1mA
Max. switching current	6 A
Switching capacity DC 13	at 24 V: 1 A, at 115 V: 200 mA, at 230 V: 100 mA
Switching capacity AC 15	3 A
Inrush current	10 A (4 ms)
Max. switching capacity	1500 VA
Resistor	AgSnO ₂ : < 100 mΩ; AgSnO ₂ +5 μm HV: < 30 mΩ
Contact material	AgSnO ₂ / AgSnO ₂ +5 μm HV
Switching frequency	with load: 6 cycles/minute, without load 1,200 cycles/minute
Mechanical service life	>5 × 10 ⁶ operations
Switch-on delay	5 ms
Switch-off delay	2.5 ms
Clearance/creep. dist. (contol/load side)	Air clearance: >6 mm, creep clearance: >8 mm

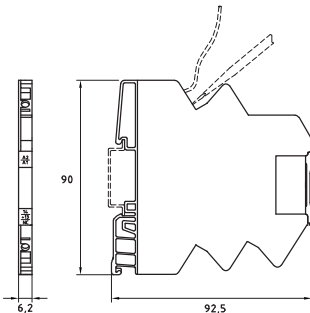
Rated insulation voltage (EN 50178)	AC 250 V
Overvoltage category	III
Pollution degree	3
General	
Protection class	RTIII - wash-tight
Shock resistance	5 g
Vibration resistance	6 g, 10...150 Hz
Insulation voltage input/output	4.0 kV _{eff}
Safe isolation	yes
Operation temperature range	-25 – 60 °C
Storage temperature range	-40 – 85 °C
Dimensions (w × h × d)	5.0 × 28.0 × 15.0 mm
Weight (kg/piece)	0.006
Approvals	VDE, cULus
Termination	plug-in

Interface Technology · Microcompact Relay Module

AC/DC-Relay-Interface, 1, Relay with 1 CO contact, pluggable
AC/DC 250 V, 6 A, 1500 VA
Spring terminal, contact material: AgSnO₂

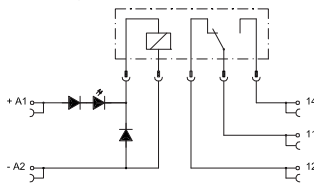


Dimensions

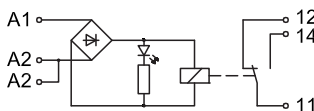


PIN assignment

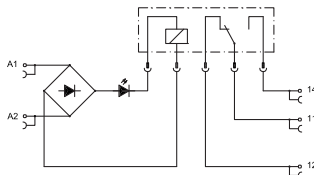
DC 12 V, DC 24 V



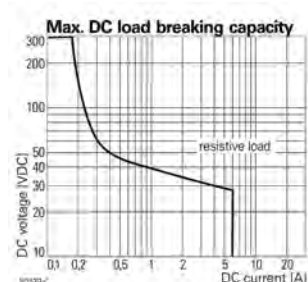
AC/DC 24 V



AC/DC 115 V, AC/DC 230 V



Limit curve



Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 12 V	760828	RE 7-0828 DC 12V	5
	DC 24 V	760821	RE 7-0821 DC 24 V	5
	AC/DC 24 V	760822	RE 7-0822 AC/DC 24 V	5
	AC/DC 115 V	760826	RE 7-0826 AC/DC 115 V	5
	AC/DC 230 V	760827	RE 7-0827 AC/DC 230 V	5
Spring terminal				
Nominal voltage	DC 12 V	761828	RE 7-1828 DC 12V	5
	DC 24 V	761821	RE 7-1821 DC 24 V	5
	AC/DC 24 V	761822	RE 7-1822 AC/DC 24 V	5
	AC/DC 115 V	761826	RE 7-1826 AC/DC 115 V	5
	AC/DC 230 V	761827	RE 7-1827 AC/DC 230 V	5

Input	DC 12 V	DC 24 V	AC/DC 24 V	AC/DC 115 V	AC/DC 230 V
Input voltage range	10.2 – 15.0 V	20.4 – 30.0 V	16.8 – 30.0 V	92.0 – 126.5 V	184.0 – 253.0 V
Rated current	15.0 mA	14.0 mA	21.0 mA	5.0 mA	
Interrupting voltage	<2 V		< 2.4 V	<11 V	<23 V
Protection device	Bridge rectifier		Reverse diode	Bridge rectifier	
Rated insulation voltage (EN 50178)	50 V			150 V	250 V
Max. length of connecting lead	2000 m		DC: 2000 m AC: 100 m	DC: 500 m AC: 70 m	DC: 500 m AC: 40 m
Status Indication	LED yellow				
Rated frequency	-			50–60 Hz	

Output	
Contact type	1 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 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	AgSnO ₂
Mechanical service life	>5 x 10 ⁶ operations
Switch-on delay	5 ms
Switch-off delay	4 ms
Clearance/creep. dist. (contol/load side)	>5.5 mm
Rated insulation voltage (EN 50178)	300 V

General	
Housing material	PA 6.6 (UL 94 V-0)
Protection class	IP 20
Field installation	rail TS 35 (EN 50022)
Insulation voltage input/output	4.0 kV _{eff}
Safe isolation	yes
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 80 °C
Dimensions (w × h × d)	6.2 × 90.0 × 92.5 mm
Weight (kg/piece)	0.035
Approvals	cULus
Termination	Screw-/spring terminal 0.5–1.5 mm ²

Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10

Accessories	Colour	Article number	Type	PU
Replacement relay for 76X821		768002	Relay SNR 24V 1W	20
Spare relay for 76X822 / 76x828		768001	Relay SNR 12V 1W	20
Replacement relay for 76X826 / 76X827		768003	Relay SNR 60V 1W	20
Tag holder 4×11 mm	white	681313	BZT-0411	100
Isolation plate		760809	TP 7-0809	5

Comments

For operation with rated voltage and 100% ED over 24h/day, a distance of = 10 mm must be complied with between the modules or to the neighboring switching components.

Interface Technology · Microcompact Relay Module

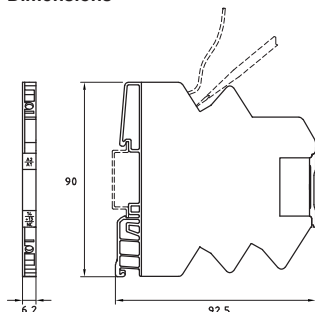
AC/DC-Relay-Interface, 1 Relay with 1 CO contact, pluggable

AC/DC 250 V, 6 A, 1500 VA

Screw-/spring terminal, contact material: AgSnO₂ + 5 µm HV

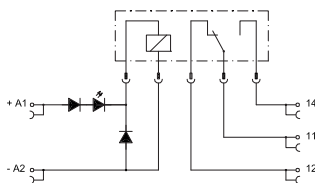


Dimensions

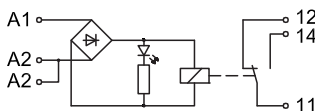


PIN assignment

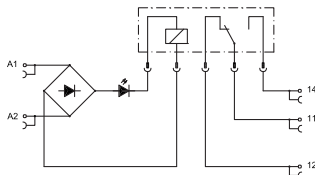
DC 24 V



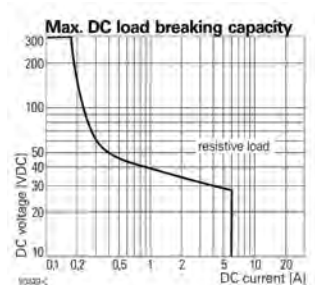
AC/DC 24 V



AC/DC 115 V, AC/DC 230 V



Limit curve



Description	Part-No.	Type	PU				
Screw terminal							
Nominal voltage	DC 24 V	760921	RE 7-0921 HTV DC 24 V	5			
	AC/DC 24 V	760922	RE 7-0922 HTV AC/DC 24 V	5			
	AC/DC 115 V	760926	RE 7-0926 HTV AC/DC 115 V	5			
	AC/DC 230 V	760927	RE 7-0927 HTV AC/DC 230 V	5			
Spring terminal							
Nominal voltage	DC 24 V	761921	RE 7-1921 HTV DC 24 V	5			
	AC/DC 24 V	761922	RE 7-1922 HTV AC/DC 24 V	5			
	AC/DC 115 V	761926	RE 7-1926 HTV AC/DC 115 V	5			
	AC/DC 230 V	761927	RE 7-1927 HTV AC/DC 230 V	5			
Input							
	DC 24 V	AC/DC 24 V	AC/DC 115 V	AC/DC 230 V			
Input voltage range	20.4 – 30.0 V	16.8 – 30.0 V	92.0 – 126.0 V	184.0 – 253.0 V			
Rated current	14.0 mA	21.0 mA	5.0 mA				
Interrupting voltage		< 2.4 V	<11 V	<23 V			
Protection device	Overload diode		Bridge rectifier				
Rated insulation voltage (EN 50178)	50 V		150 V	250 V			
Max. length of connecting lead	2000 m	DC: 2000 m AC: 100 m	DC: 500 m AC: 70 m	250 m			
Status Indication	LED yellow						
Rated frequency	–		50–60 Hz				
Output				–			
Contact type	1 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	AgSnO ₂ + 5 µm HV						
Mechanical service life	>5 x 10 ⁶ operations		5 x 10 ⁶ operations				
Switch-on delay	5 ms	7 ms	8 ms				
Switch-off delay	4 ms	7 ms	13 ms				
Clearance/creep. dist. (contol/load side)	>5.5 mm						
Rated insulation voltage (EN 50178)	300 V						
General							
Housing material	PA 6.6 (UL 94 V-0)						
Protection class	IP 20						
Field installation	rail TS 35 (EN 50022)						
Insulation voltage input/output	4.0 kV _{eff}						
Safe isolation	yes						
Operation temperature range	-25 °C – 60 °C						
Storage temperature range	-40 °C – 80 °C						
Dimensions (w × h × d)	6.2 × 90.0 × 92.5 mm						
Weight (kg/piece)	0.035						
Approvals	cULus						
Termination	Screw-/spring terminal 0.5–1.5 mm ²						
Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
Accessories	Colour	Article number		Type	PU		
Replacement relay for 76X921		768006		Relay SNR 24V 1W HTV	20		
Replacement relay for 76X922		768005		Relay SNR 12V 1W HTV	20		
Replacement relay for 76X926 / 760927		768007		Relay SNR 60V 1W HTV	20		
Tag holder 4×11 mm	white	681313		BZT-0411	100		
Isolation plate		760809		TP 7-0809	5		

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.

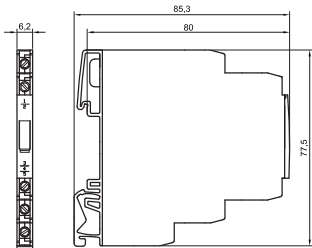
For operation with rated voltage and 100% ED over 24h/day, a distance of = 10 mm must be complied with between the modules or to the neighboring switching components.

Interface Technology · Microcompact Relay Module

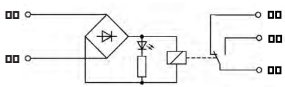
AC/DC-Relay-Interface, 1 Relay with 1 CO contact
AC/DC 250 V, 6 A, 1500 VA
Screw-/spring terminal, contact material: AgSnO₂



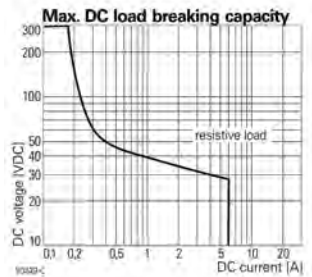
Dimensions



PIN assignment



Limit curve



Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 12 V	760020	RE 6-0020 DC 12 V	5
	AC/DC 24 V	760022	RE 6-0022 AC/DC 24 V	5
	AC/DC 120 V	760026	RE 6-0026 AC/DC 120 V	5
	AC/DC 230 V	760027	RE 6-0027 AC/DC 230 V	5
Spring terminal				
Nominal voltage	AC/DC 24 V	761022	RE 6-1022 AC/DC 24 V	5
	AC/DC 120 V	761026	RE 6-1026 AC/DC 120 V	5
	AC/DC 230 V	761027	RE 6-1027 AC/DC 230 V	5
Input				
	DC 12 V	AC/DC 24 V	AC/DC 120 V	AC/DC 230 V
Input voltage range	9.6 – 15.0 V	19.2 – 30.0 V	77.0 – 137.5 V	184.0 – 253.0 V
Rated current	16.0 mA	22.0 mA	7.0 mA	3.5 mA
Interrupting voltage	<1.5 V	<2.4 V	11 V	<23 V
Protection device	Bridge rectifier			
Rated insulation voltage (EN 50178)	50 V	150 V	300 V	
Max. length of connecting lead	–			
Status Indication	LED yellow			
Rated frequency	–	50–60 Hz		
Output				
Contact type	1 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 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	AgSnO ₂			
Mechanical service life	> 5 × 10 ⁷ operations			
Switch-on delay	5 ms	10 ms	15 ms	
Switch-off delay	5 ms	10 ms	15 ms	
Clearance/creep. dist. (contol/load side)	>5.5 mm			
Rated insulation voltage (EN 50178)	300 V			
Inrush current	16 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 _{eff}			
Safe isolation	yes			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 80 °C			
Dimensions (w × h × d)	6.2 × 78.0 × 86.0 mm			
Weight (kg/piece)	0.025			
Approvals	cULus, not 760020		cULus	
Termination	Screw-/spring terminal 0.25–2.5 mm ²			
Accessories				
	Colour	Article number	Type	PU
Jumper comb 24-pin, 26 A	blue	760801	BK 6-0801	5
Tag holder 4×11 mm	white	681313	BZT-0411	100
Comments				
For operation with rated voltage and 100% ED over 24h/day, a distance of = 10 mm must be complied with between the modules or to the neighboring switching components.				

Interface Technology · Microcompact Relay Module

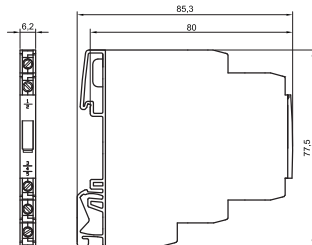
AC/DC-Relay-Interface, 1 Relay with 1 CO contact

AC/DC 250 V, 6 A, 1500 VA

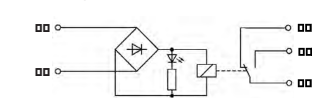
Screw-/spring terminal, contact material: AgSnO₂ + 5 µm HV



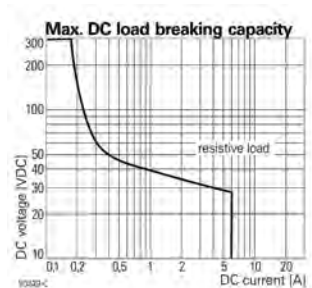
Dimensions



PIN assignment



Limit curve



Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	AC/DC 24 V	760222	RE 6-0222 HTV AC/DC 24 V	5
	AC/DC 230 V	760227	RE 6-0227 HTV AC/DC 230 V	5
	AC/DC 120 V	760226	RE 6-0226 AC/DC 120 V	5
Spring terminal				
Nominal voltage	AC/DC 24 V	761222	RE 6-1222 HTV AC/DC 24 V	5
Input				
	AC/DC 24 V	AC/DC 230 V	AC/DC 120 V	
Input voltage range	19.2 – 30.0 V	184.0 – 253.0 V	77.0 – 137.5 V	
Rated current	22.0 mA	3.5 mA	7.0 mA	
Interrupting voltage	<2.4 V	<23 V	<11 V	
Protection device	Bridge rectifier			
Rated insulation voltage (EN 50178)	50 V	300 V	150 V	
Max. length of connecting lead	–			
Status Indication	LED yellow			
Rated frequency	50–60 Hz			
Output				
Contact type	1 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	AgSnO ₂ + 5 µm HV			
Mechanical service life	> 5 x 10 ⁷ operations			
Switch-on delay	5 ms	10 ms	5 ms	
Switch-off delay	10 ms	15 ms	10 ms	
Clearance/creep. dist. (contol/load side)	>5.5 mm			
Rated insulation voltage (EN 50178)	300 V			
Inrush current	16 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 _{eff}			
Safe isolation	yes			
Operation temperature range	-25 °C – 60 °C			
Storage temperature range	-40 °C – 80 °C			
Dimensions (w × h × d)	6.2 × 78.0 × 86.0 mm			
Weight (kg/piece)	0.025			
Approvals	cULus			
Termination	Screw-/spring terminal 0.25–2.5 mm ²			
Accessories	Colour	Article number	Type	PU
Jumper comb 24-pin, 26 A	blue	760801	BK 6-0801	5
Tag holder 4×11 mm	white	681313	BZT-0411	100

Comments

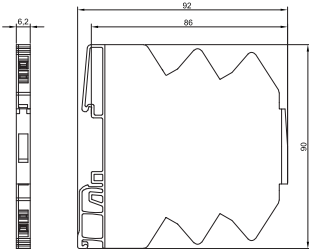
Hard gold-plated contacts: So that the gold layer is not damaged, the specified values are not permitted to be exceeded. At higher switching capacity, the gold layer vaporizes. The deposition in the housing can lead to sparkovers between the coil and contact. For operation with rated voltage and 100% ED over 24h/day, a distance of = 10 mm must be complied with between the modules or to the neighboring switching components.

Interface Technology · Microcompact Relay Module

AC/DC-Relay-Interface, 1 Relay with 1 CO contact
AC/DC 250 V, 6 A, 1500 VA
Screw/spring terminal, contact material AgSnO₂

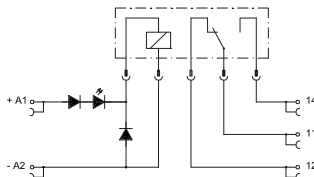


Dimensions

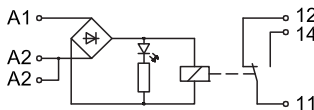


PIN assignment

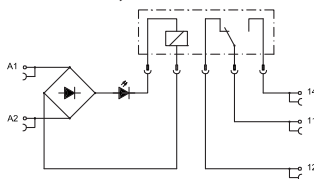
DC 12 V, DC 24 V



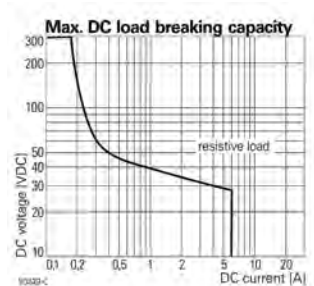
AC/DC 24 V



AC/DC 115 V, AC/DC 230 V



Limit curve



Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 12 V	762321	RE 7-2321 DC 12 V	5
	DC 24 V	762312	RE 7-2312 DC 24 V	5
	AC/DC 24 V	762313	RE 7-2313 AC/DC 24 V	5
	AC/DC 115 V	762316	RE 7-2316 AC/DC 115 V	5
	AC/DC 230 V	762317	RE 7-2317 AC/DC 230 V	5
Spring terminal				
Nominal voltage	DC 12 V	762320	RE 7-2320 DC 12 V	5
	DC 24 V	762302	RE 7-2302 DC 24 V	5
	AC/DC 24 V	762303	RE 7-2303 AC/DC 24 V	5
	AC/DC 115 V	762306	RE 7-2306 AC/DC 115 V	5
	AC/DC 230 V	762307	RE 7-2307 AC/DC 230 V	5

Input	DC 12 V	DC 24 V	AC/DC 24 V	AC/DC 115 V	AC/DC 230 V
Input voltage range	10.2 – 15.0 V	20.4 – 30.0 V	16.8 – 30.0 V	92.0 – 126.5 V	184.0 – 253.0 V
Rated current	17.0 mA	10.0 mA	20.0 mA	4.0 mA	3.5 mA
Interrupting voltage	<2 V	<2.4 V	<2.4 V	<11 V	<23 V
Protection device	Reverse- / overload diode		Bridge rectifier		
Rated insulation voltage (EN 50178)	50 V		150 V		250 V
Max. length of connecting lead	2000 m		DC: 500 m AC: 70 m	DC: 500 m AC: 40 m	
Status Indication	LED yellow				
Rated frequency	-		50–60 Hz		

Output	
Contact type	1 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 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	AgSnO ₂
Mechanical service life	> 5 x 10 ⁶ operations
Switch-on delay	5 ms
Switch-off delay	4 ms
Clearance/creep. dist. (contol/load side)	>5.5 mm
Rated insulation voltage (EN 50178)	300 V

General	
Housing material	PA 6.6 (UL 94 V-0)
Protection class	IP 20
Field installation	rail TS 35 (EN 50022)
Insulation voltage input/output	4.0 kV _{eff}
Safe isolation	yes
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 80 °C
Dimensions (w × h × d)	6.2 × 90.0 × 92.0 mm
Weight (kg/piece)	0.035
Approvals	-
Termination	Screw-/spring terminal 0.5–1.5 mm ²

Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10

Accessories	Colour	Article number	Type	PU
Tag holder 4×11 mm	white	681313	BZT-0411	100
Isolation plate		760809	TP 7-0809	5

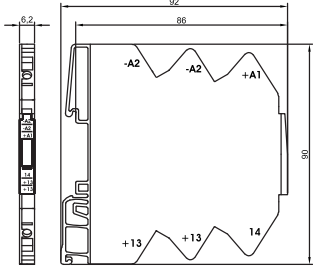
Comments
 For operation with rated voltage and 100% ED over 24h/day, a distance of = 10 mm must be complied with between the modules or to the neighboring switching components.

Interface Technology · Microcompact Solid State Relay

Semiconductor relay, 2-conductor technology
 Switching element max. DC 24 V/10 A, AC 230 V/0.75 A
 Screw-/ Spring terminal

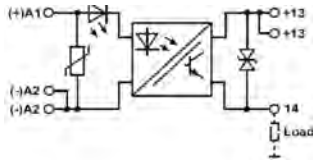


Dimensions

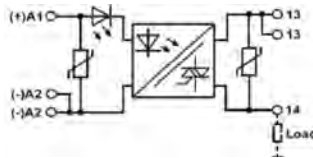


PIN assignment

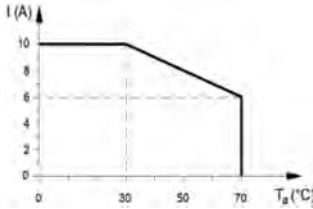
76x120, 76x320, 76x321, 76x322



76x323, 76x340



Derating



Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 5 V	760120	OT 7-0120	5
load	DC 24 V/0.5 A			
	DC 24 V	760320	OT 7-0320	5
	DC 24 V/0.5 A			
	DC 24 V	760321	OT 7-0321	5
	DC 24 V/2 A			
	DC 24 V	760322	OT 7-0322	5
	DC 24 V/5 A			
	DC 24 V	760323	OT 7-0323	5
	DC 24 V/10 A			
	DC 24 V	760340	OT 7-0340	5
	AC 230 V/0.75A			

Spring terminal				
Nominal voltage	DC 5 V	761120	OT 7-1120	5
load	DC 24 V/0.5 A			
	DC 24 V	761320	OT 7-1320	5
	DC 24 V/0.5 A			
	DC 24 V	761321	OT 7-1321	5
	DC 24 V/2 A			
	DC 24 V	761322	OT 7-1322	5
	DC 24 V/5 A			
	DC 24 V	761323	OT 7-1323	5
	DC 24 V/10 A			
	DC 24 V	761340	OT 7-1340	5
	AC 230 V/0.75A			

Input	76x120	76x320	76x321	76x322	76x323	76x340
Input voltage range	4.0 – 6.0 V			19.2 – 30.0 V		
Rated current	> 4.5 mA			> 4 mA		
Interrupting voltage	< 2 V		< 10 V		< 15 V	
Protection device	Varistor					
Status Indication	LED yellow					
Rated frequency	–					

Output	76x120	76x320	76x321	76x322	76x323	76x340
Switching element	MosFet, NO contact					Triac, NO contact (zero-voltage switching)
Min. switching voltage	–			DC 10 V	AC 20 V	
Max. switching voltage	–			DC 48 V	AC 240 V	
Min. switching current	1 mA	10 mA	–	1 mA	10 A (Derating)	5 mA
Max. switching current	–	0.5 A	2 A	5 A	–	0.75 A

Inrush current	–					
Leakage current	< 50 µA					1 mA
Switch-on delay	< 150 µs	< 250 µs	–	< 150 µs	–	< 10 ms
Switch-off delay	< 300 µs	< 2ms	–	< 300 µs	–	< 10 ms
Switching frequency	1 kHz	50 Hz	–	1 kHz	100 Hz	10 Hz
Clearance/creep. dist. (contol/load side)	–					
Protection device output	Suppressor diode					Varistor

General						
Housing material	PA, UL 94-V0					
Protection class	IP 20					
Field installation	rail TS 35 (EN 50022)					
Insulation voltage input/output	– kV _{eff}					
Safe isolation	yes					
Operation temperature range	70 °C					
Storage temperature range	-40 °C – 80 °C					
Dimensions (w × h × d)	6.2 × 90.0 × 92.0 mm					
Weight (kg/piece)	0.030					
Approvals	–					
Termination	Screw-/spring terminal 0.14–1.5 mm ²					

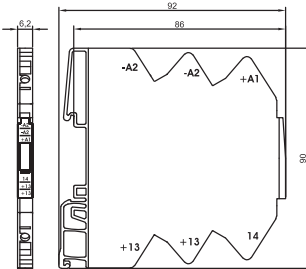
Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
Accessories	Colour	Article number		Type	PU		
Tag holder 4×11 mm	white	681313		BZT-0411	100		

Interface Technology - Microcompact Solid State Relay

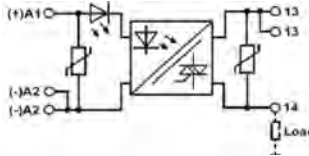
Semiconductor relay, 2-conductor technology
Switching element max. DC 24 V/0.5 A, AC 230 V/0.75 A
Semiconductor relay, 2-conductor technology



Dimensions



PIN assignment



Description	Part-No.	Type	PU				
Screw terminal							
Nominal voltage	AC 230 V	760350	OT 7-0350	5			
	AC 230 V	760341	OT 7-0341	5			
Spring terminal							
Nominal voltage	AC 230 V	761350	OT 7-1350	5			
	AC 230 V	761341	OT 7-1341	5			
Input							
	76x350		76x341				
Nominal voltage		AC 230 V					
Load	DC 24 V/0.5 A		AC 230 V/0.75 A				
Input voltage range	77.0 – 253.0 V		184.0 – 250.0 V				
Rated current		<4 mA					
Interrupting voltage	<20 V		<110 V				
Protection device		Varistor					
Status Indication		LED yellow					
Rated frequency		–					
Output							
Switching element	Transistor		Triac				
Min. switching voltage	DC 10 V		AC 20 V				
Max. switching voltage	DC 48 V		AC 240 V				
Min. switching current	10 mA		5 mA				
Max. switching current	0.5 A		0.75 A				
Inrush current		–					
Leakage current	50 µA		<1 mA				
Switch-on delay	< 2 ms		<10 ms				
Switch-off delay	<1 ms		<10 ms				
Switching frequency	1 kHz		3 Hz				
Clearance/creep. dist. (contol/load side)		–					
Protection device output	Suppressor diode		Varistor/RC				
General							
Housing material		PA, UL 94-V0					
Protection class		IP 20					
Field installation		rail TS 35 (EN 50022)					
Insulation voltage input/output		4.0 kV _{eff}					
Safe isolation		yes					
Operation temperature range		-25 °C – 70 °C					
Storage temperature range		-40 °C – 80 °C					
Dimensions (w x h x d)		6.2 x 90.0 x 92.5 mm					
Weight (kg/piece)		0.030					
Approvals		–					
Termination		Screw terminal: 0.14–1.5 mm ²		Spring terminal 0.14–1.5 mm ²			
Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10
Accessories	Colour	Article number		Type		PU	
Tag holder 4x11 mm	white	681313		BZT -0411		100	
Isolation plate		760809		TP 7-0809		5	
Labels for laser printer A4 unpunched		681031		LEB-A4		1	

Interface Technology · Microcompact Solid State Relay

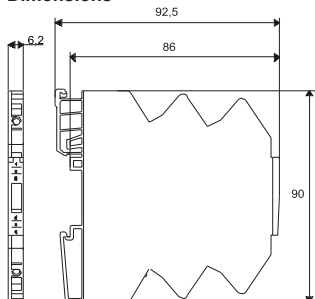
Semiconductor relay, 2-conductor technology

Switching element AC/DC 250 V, 2 A

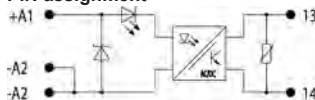
Screw-/ Spring terminal



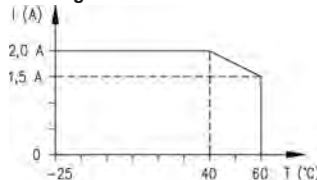
Dimensions



PIN assignment



Derating



Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 24 V	760107	OT 7-0107 DC 24 V	5
Spring terminal				
Nominal voltage	DC 24 V	761107	OT 7-1107 DC 24 V	5

Input	DC 24 V
Input voltage range	18.0 – 32.0 V
Rated current	12.0 mA
Interrupting voltage	10 V
Protection device	Suppressor diode
Status Indication	LED green
Rated frequency	–

Output	
Switching element	MosFet, N/O contact
Switching element	–
Min. switching voltage	AC/DC 2 V
Max. switching voltage	AC/DC 253 V
Min. switching current	AC/DC 1 mA
Max. switching current	AC/DC 2 A (Derating)
Inrush current	AC/DC 8 A; 10 ms
Leakage current	–
Switch-on delay	0.5 ms
Switch-off delay	0.5 ms
Switching frequency	500 Hz
Clearance/creep. dist. (contol/load side)	>4 mm
Protection device output	Varistor

General	
Housing material	PA 6.6 (UL 94 V-0)
Protection class	IP 20
Field installation	rail TS 35 (EN 50022)
Insulation voltage input/output	5.0 kV _{eff}
Safe isolation	yes
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 80 °C
Dimensions (w × h × d)	6.2 × 90.0 × 92.5 mm
Weight (kg/piece)	0.030

Approvals	–
Termination	Screw-/spring terminal 0.5–1.5 mm ²

Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10

Accessories	Colour	Article number	Type	PU
Tag holder 4×11 mm	white	681313	BZT -0411	100
Isolation plate		760809	TP 7-0809	5

Comments

Inductive loads must be wired with a suitable suppressor element!

Interface Technology · Microcompact Relay Module

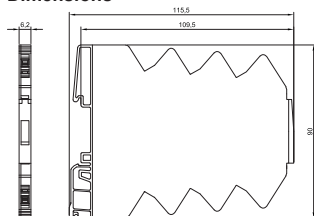
DC-Relay-Interface, 2 Relay with 1 CO contact

AC/DC 250 V, 6 A, 1500 VA

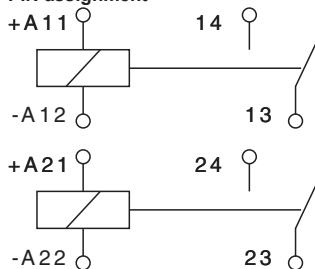
Screw-/spring terminal, contact material: AgSnO₂



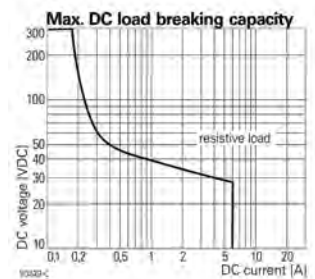
Dimensions



PIN assignment



Limit curve



Description	Part-No.	Type	PU	
Screw terminal				
Nominal voltage	DC 24 V	762401	RE 7-2401 DC 24 V	5
Spring terminal				
Nominal voltage	DC 24 V	762411	RE 7-2411 DC 24 V	5

Input	DC 24 V
Input voltage range	20.4 – 30.0 V
Rated current	10.0 mA
Interrupting voltage	<2.4 V
Protection device	Reverse- / overload diode
Rated insulation voltage (EN 50178)	50 V
Max. length of connecting lead	2000 mm
Status Indication	LED yellow
Rated frequency	–

Output	each relay
Contact type	2 × 1 NO 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 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	AgSnO ₂
Mechanical service life	> 5 × 10 ⁶ operations
Switch-on delay	5 ms
Switch-off delay	4 ms
Clearance/creep. dist. (control/load side)	>5.5 mm
Rated insulation voltage (EN 50178)	300 V

General	
Housing material	PA 6.6 (UL 94 V-0)
Protection class	IP 20
Field installation	rail TS 35 (EN 50022)
Insulation voltage input/output	4.0 kV _{eff}
Safe isolation	yes
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 80 °C
Dimensions (w × h × d)	6.2 × 90.0 × 115.5 mm
Weight (kg/piece)	0.055

Approvals	Screw-/spring terminal 0.5–1.5 mm ²			
Termination				

Accessories	Colour	2-pole	3-pole	4-pole	8-pole	16-pole	PU
6 A jumper comb	red	762802	762805	762812	762822	762832	10
6 A jumper comb	white	762803	762806	762813	762823	762833	10
6 A jumper comb	blue	762804	762807	762814	762824	762834	10

Accessories	Colour	Article number	Type	PU
Tag holder 4×11 mm	white	681313	BZT-0411	100

Comments

For operation with rated voltage and 100% ED over 24h/day, a distance of = 10 mm must be complied with between the modules or to the neighboring switching components.