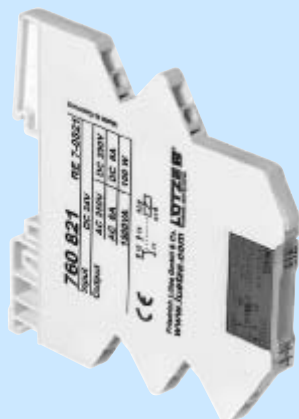
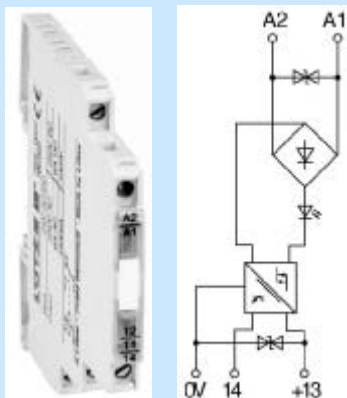


## Coupler with TOP connection technology and plug-in switching module for solid-state switching of DC or AC currents



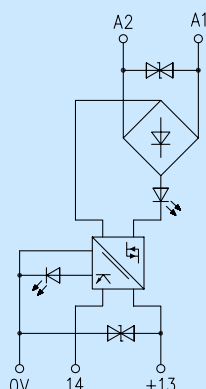
Type	OT 7-0311 AC/DC 24 V	OT 7-0691 AC/DC 24 V
Article no.	760311	760691
<b>Input Side</b>		
Rated Voltage	AC/DC 24 V	AC/DC 24 V
Rated voltage range	16,8 V – 30 V	16,8 V – 30 V
Rated current (at $U_N$ )	11 mA	10 mA
Switch-off voltage		< 5
Status Indication	Yellow LED	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals, max. 1.5 mm <sup>2</sup> fine strand	Screw terminals, max. 1.5 mm <sup>2</sup> fine strand
<b>Load Side</b>		
Contact type	N/O contact, transistor	N/O contact, triac
Number of contacts	1	1
Switching voltage max./min.	DC 32 V/0 V	AC 275 V/12 V
Switching current max./min.	3 A/0,01 A	0,75 A/0,005 A
Switching capacity		
Protection device load side		
Derating	30°C	30°C
Switch-on delay	5 ms	0.2 ms
Switch-off time delay	10 ms	max. 10 ms
Connection device	Screw terminals, max. 1.5 mm <sup>2</sup> fine strand	Screw terminals, max. 1.5 mm <sup>2</sup> fine strand
<b>General Data</b>		
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 x H x D)	6,2 mm x 90 mm x 92,5 mm	6,2 mm x 90 mm x 92,5 mm
Weight	0,03 kg/pcs	0,03 kg/pcs
Type of protection	IP23	IP20
Accessories	Bridging cradle: blue 760804, red 760802, white 760803	Bridging cradle: blue 760804, red 760802, white 760803

## Coupler for rapid solid-state switching of DC currents, short-circuit-protected



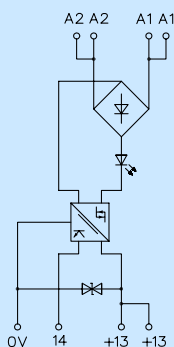
	Microcompact	Microcompact
Type	<b>OT-6-0102 DC 24 V</b>	<b>OT-6-1102 DC 24 V</b>
Article no.	<b>760102</b>	<b>761102</b>
<b>Input Side</b>		
Rated Voltage	DC 24 V	DC 24 V
Rated voltage range	10 V – 30 V	10 V – 30 V
Rated current (at $U_N$ )	7 mA	7 mA
Switch-off voltage	< 9 V	< 9 V
Status Indication	Yellow LED	Yellow LED
Protection device	Suppressor diode	Suppressor diode
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	Transistor, N/O contact	Transistor, N/O contact
Number of contacts	1	1
Switching voltage max./min.	DC 30 V/10 V	DC 30 V/10 V
Switching current max./min.	1,7 A/0,0001 A	1,7 A/0,0001 A
Switching capacity	max. 80 W	max. 80 W
Protection device load side	Suppressor diode	Suppressor diode
Derating	40°C	See 'Technical data'
Switch-on delay	220 µs	220 µs
Switch-off time delay	200 µs	200 µs
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
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 × 84 mm × 79 mm	6,2 mm × 84 mm × 80 mm
Weight	0,03 kg/pcs	0,03 kg/pcs
Type of protection	IP20	IP20
Accessories	see 'Accessories, interface technology'	see 'Accessories, interface technology'

## Coupler for rapid solid-state switching of DC currents, short-circuit-protected, with monitoring



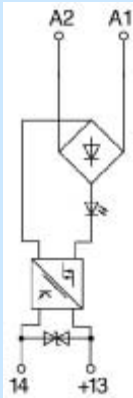
	Microcompact	Microcompact
Type	<b>OT-6-0103 DC 24 V</b>	<b>OT-6-1103 DC 24 V</b>
Article no.	<b>760103</b>	<b>761103</b>
<b>Input Side</b>		
Rated Voltage	DC 24 V	DC 24 V
Rated voltage range	10 V – 30 V	10 V – 30 V
Rated current (at $U_N$ )	7 mA	7 mA
Switch-off voltage	< 9 V	< 9 V
Status Indication	LED yellow, red stands for short-circuit indication	Yellow LED, red for short-circuit indicator
Protection device	Suppressor diode	Suppressor diode
Connection device	screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	Transistor, N/O contact	Transistor, N/O contact
Number of contacts	1	1
Switching voltage max./min.	DC 30 V/10 V	DC 30 V/10 V
Switching current max./min.	5 A/0,5 A	5 A/0,5 A
Switching capacity	max. 150 W	max. 150 W
Protection device load side	Suppressor diode	Suppressor diode
Derating	60°C, see Technical data	60°C, see Technical data
Switch-on delay	220 µs	220 µs
Switch-off time delay	200 µs	200 µs
Connection device	screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>		
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	0,03 kg/pcs	0,03 kg/pcs
Type of protection	IP20	IP20
Accessories	see 'Accessories, interface technology'	see 'Accessories, interface technology'

## Coupler for rapid solid-state switching of DC currents, short-circuit-protected



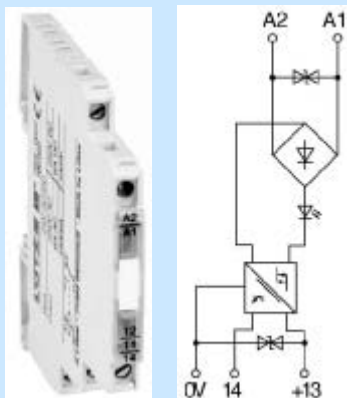
	Microcompact	Microcompact
Type	<b>OT-6-0105 DC 24 V</b>	<b>OT-6-1105 DC 24 V</b>
Article no.	<b>760105</b>	<b>761105</b>
<b>Input Side</b>		
Rated Voltage	DC 24 V	DC 24 V
Rated voltage range	11 V – 30 V	10 V – 30 V
Rated current (at $U_N$ )	18 mA	18 mA
Switch-off voltage	< 5 V	< 5 V
Status Indication	Yellow LED	Yellow LED
Protection device	Reverse-connect protection	Reverse-connect protection
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	Transistor, N/O contact	Transistor, N/O contact
Number of contacts	1	1
Switching voltage max./min.	DC 30 V/10 V	DC 30 V/10 V
Switching current max./min.	5 A/0,5 A	5 A/0,5 A
Switching capacity	max. 150 W	max. 150 W
Protection device load side	Suppressor diode	Suppressor diode
Derating	60°C, see Technical data	60°C, see Technical data
Switch-on delay	260 µs	260 µs
Switch-off time delay	4 µs	4 µs
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
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	0,049 kg/pcs	0,049 kg/pcs
Type of protection	IP20	IP20
CE conformity	yes	yes
Accessories	see 'Accessories, interface technology'	see 'Accessories, interface technology'

## Coupler for rapid solid-state switching of DC currents, with universal voltage input 110 - 230 V



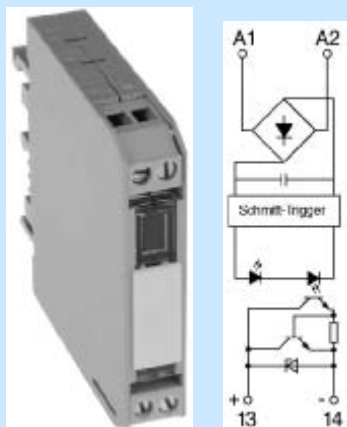
	Microcompact	Microcompact
Type	<b>OT-6-0307 DC 24 V</b>	<b>OT-6-1307 DC 24 V</b>
Article no.	<b>760307</b>	<b>761307</b>
<b>Input Side</b>		
Rated voltage range	110 V – 230 V	110 V – 230 V
Rated current (at $U_N$ )	<6 mA	<6 mA
Switch-off voltage	< UC 20 V	< UC 20 V
Status Indication	Yellow LED	Yellow LED
Protection device	none	none
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	Transistor, N/O contact	Transistor, N/O contact
Number of contacts	1	1
Switching voltage max./min.	DC 30 V/10 V	DC 30 V/10 V
Switching current max./min.	0,1 A/0,001 A	0,1 A/0,001 A
Switching capacity	max. 3 W	max. 3 W
Protection device load side	Suppressor diode	Suppressor diode
Derating	See 'Technical data'	See 'Technical data'
Switch-on delay	10 – 6 ms	10 – 6 ms
Switch-off time delay	8 – 12 ms	8 – 12 ms
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
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 × 84 mm × 79 mm	6,2 mm × 84 mm × 80 mm
Weight	0,03 kg/pcs	0,03 kg/pcs
Type of protection	IP20	IP20
Accessories	see 'Accessories, interface technology'	see 'Accessories, interface technology'

## Coupler for rapid solid-state switching of DC currents, with universal voltage input 77 - 250 V



	Microcompact	Microcompact
Type	<b>OT-6-0705</b>	<b>OT-6-1705</b>
Article no.	<b>760705</b>	<b>761705</b>
<b>Input Side</b>		
Rated voltage range	77 V – 250 V	77 V – 250 V
Rated current (at $U_N$ )	<3 mA	2-3 mA
Switch-off voltage	< 25 V	< 25 V
Status Indication	LED yellow	Yellow LED
Protection device	Suppressor diode	Suppressor diode
Connection device	Screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>Load Side</b>		
Contact type	Transistor	Transistor, N/O contact
Number of contacts	1	1
Switching voltage max./min.	DC 30 V/10 V	DC 30 V/10 V
Switching current max./min.	3 A/0 A	3 A/0 A
Switching capacity	max. 100 W	max. 100 W
Protection device load side	Suppressor diode	Suppressor diode
Derating	See 'Technical data'	See 'Technical data'
Switch-on delay	1.5 ms	1.5 ms
Switch-off time delay	< 72 ms	< 72 ms
Connection device	screw terminals/4 mm <sup>2</sup>	Spring clamps/2.5 mm <sup>2</sup>
<b>General Data</b>		
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	0,029 kg/pcs	0,029 kg/pcs
Type of protection	IP20	IP20
Accessories	see Interface Technology Accessories	see Interface Technology Accessories

## Coupler for rapid solid-state switching of DC currents



	Minicompact	Minicompact	Minicompact
Type	<b>IN-4-1884 AC/DC 24 V</b>	<b>IN-4-1885 AC/DC 230 V</b>	<b>IN4-0766 AC/DC 110 V</b>
Article no.	<b>731884</b>	<b>731885</b>	<b>730766</b>
<b>Input Side</b>			
Rated Voltage	AC/DC 24 V	AC/DC 230 V	AC/DC 110 V
Rated voltage range	17 V – 30 V	88 V – 264 V	93 V – 121 V
Rated current (at $U_N$ )	< 4 mA	24 mA	9 mA
Status Indication	Yellow LED	LED yellow	Yellow LED
Protection device	Bridge rectifier	Bridge rectifier	Bridge rectifier
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>Load Side</b>			
Contact type	Transistor	Transistor	Transistor
Switching voltage max./min.	DC 30 V/ V	DC 30 V/ V	DC 60 V/ V
Switching current max./min.	0,1 A/0,01 A	0,1 A/0,01 A	0,1 A/0,01 A
Protection device load side	Suppressor diode	Suppressor diode	Suppressor diode
Inrush peak current	1 A for 20 ms	1 A for 20 ms	1 A for 20 ms
Blocking-state current	< 0.1 mA	< 0.1 mA	0.1 mA
Switch-on delay	1 ms	20 ms	360 μs
Switch-off time delay	25 ms	20 ms	19 ms
Connection device	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>	Screw terminals/4 mm <sup>2</sup>
<b>General Data</b>			
Mount	can be snapped onto DIN rail (EN 50 022) and 32 mm G-rail (EN 50 035)	can be snapped onto DIN rail (EN 50 022) and 32 mm G-rail (EN 50 035)	can be snapped onto DIN rail (EN 50 022) and 32 mm G-rail (EN 50 035)
Operating temperature range	0 °C – 60 °C	0 °C – 60 °C	0 °C – 60 °C
Rated isolation voltage input/output	4000 V <sub>eff</sub>	4000 V <sub>eff</sub>	2500 V <sub>eff</sub>
Dimensions (W x H x D)	11,5 mm x 67 mm x 60 mm	11,5 mm x 67 mm x 60 mm	11,5 mm x 67 mm x 60 mm
Weight	0,03 kg/pcs	0,03 kg/pcs	0,03 kg/pcs
Housing Material	PPE	PPE	PPE
Type of protection	IP20	IP20	IP20
Special function	With Schmitt trigger input	With Schmitt trigger input	With Schmitt trigger input
CE conformity	yes	yes	yes