

Relays

The coupling relays from Phoenix Contact are certified in accordance with the DIN EN 50155 standard and satisfy the special requirements necessary for the railway industry. They withstand extreme temperatures and, with Push-in connection technology, also provide a high degree of shock and vibration resistance. The portfolio is completed by our extensive range of accessories, e.g., with bridges and marking materials.



Product lists – relays



Electromechanical relay modules

Input voltage	Contact switching type	Switching voltage (max.)	Limiting continuous current	EN 45545-2	EN 50155	EN 61373	EN 50121-3-2	Temperature range -40°C to +70°C	Type	Item no.
24 V DC	1 changeover contact	250 V AC/DC	6 A	X	X	X	X	X	PLC-RPT- 24UC/21/RW	2900318
24 V DC	2 changeover contacts	250 V AC/DC	6 A	X	X	X	X	X	PLC-RPT- 24UC/21-21/RW	2900346
24 V DC	2 changeover contacts	30 V AC 36 V DC (250 V AC/DC ¹⁾)	50 mA (6 A ¹⁾)	X	X	X	X	X	PLC-RPT- 24UC/21-21AU/RW	2900349
24 V DC	1 changeover contact	30 V AC 36 V DC (250 V AC/DC ¹⁾)	50 mA (6 A ¹⁾)	X	X	X	X	X	PLC-RPT- 24UC/21AU/RW	2900321
24 V DC	1 changeover contact	250 V AC/DC	10 A	X	X	X	X	X	PLC-RPT- 24UC/21HC/RW	2900324
72 V DC	1 changeover contact	250 V AC/DC	6 A	X	X	X	X	X	PLC-RPT- 72UC/21/RW	2900319
72 V DC	2 changeover contacts	250 V AC/DC	6 A	X	X	X	X	X	PLC-RPT- 72UC/21-21/RW	2900347
72 V DC	2 changeover contacts	30 V AC 36 V DC (250 V AC/DC ¹⁾)	50 mA (6 A ¹⁾)	X	X	X	X	X	PLC-RPT- 72UC/21-21AU/RW	2900350
72 V DC	1 changeover contact	30 V AC 36 V DC (250 V AC/DC ¹⁾)	50 mA (6 A ¹⁾)	X	X	X	X	X	PLC-RPT- 72UC/21AU/RW	2900322
110 V DC	1 changeover contact	250 V AC/DC	6 A	X	X	X	X	X	PLC-RPT-110UC/21/RW	2900320
110 V DC	2 changeover contacts	250 V AC/DC	6 A	X	X	X	X	X	PLC-RPT-110UC/21-21/RW	2900348
110 V DC	2 changeover contacts	30 V AC 36 V DC (250 V AC/DC ¹⁾)	50 mA (6 A ¹⁾)	X	X	X	X	X	PLC-RPT-110UC/21-21AU/RW	2900351
110 V DC	1 changeover contact	30 V AC 36 V DC (250 V AC/DC ¹⁾)	50 mA (6 A ¹⁾)	X	X	X	X	X	PLC-RPT-110UC/21AU/RW	2900323
110 V DC	1 changeover contact	250 V AC/DC	10 A	X	X	X	X	X	PLC-RPT- -110UC/21HC/RW	2900326
230 V AC (16.7 Hz)	2 changeover contacts	30 V AC 36 V DC (250 V AC/DC ¹⁾)	50 mA (6 A ¹⁾)	X	X				PLC-RPT-230UC/21-21AU/RWF	2900345
24 V DC	1 changeover contact	30 V AC 36 V DC (250 V AC/DC ¹⁾)	50 mA (3 A ¹⁾)	X	X				PLC-BPT- 24DC/21RW ²⁾	2900261

¹⁾ With damaged gold coating.

²⁾ Base only, single relays (item number [2961383](#) or [2961493](#)) must be ordered separately.



Solid-state relay modules

Input voltage	Contact switching type (electronic)	Switching voltage (max.)	Limiting continuous current	EN 45545-2	EN 50155	EN 61373	Temperature range -25°C to +70°C	Type	Item no.
24 V DC	1 N/O contact	3 ... 33 V DC	3 A	X	X	X	X	PLC-OPT- 24DC/ 24DC/3RW	2900379
24 V DC	1 N/O contact	12 ... 140 V DC	3 A	X	X	X	X	PLC-OPT- 24DC/110DC/3RW	2900391
36 V DC	1 N/O contact	12 ... 140 V DC	3 A	X	X	X	X	PLC-OPT- 36DC/110DC/3RW	2900392
48 V DC	1 N/O contact	12 ... 140 V DC	3 A	X	X	X	X	PLC-OPT- 48DC/110DC/3RW	2900393
72 V DC	1 N/O contact	12 ... 140 V DC	3 A	X	X	X	X	PLC-OPT- 72DC/110DC/3RW	2900394
96 V DC	1 N/O contact	12 ... 140 V DC	3 A	X	X	X	X	PLC-OPT- 96DC/110DC/3RW	2900395
110 V DC	1 N/O contact	3 ... 33 V DC	3 A	X	X	X	X	PLC-OPT-110DC/ 24DC/3RW	2900380
110 V DC	1 N/O contact	12 ... 140 V DC	3 A	X	X	X	X	PLC-OPT-110DC/110DC/3RW	2900396