

Relay coupling terminal blocks

UDK-PLC-R | 12Vdc
1 changeover contact



UDK-PLC-R | 24Vdc
1 changeover contact



UDK-PLC-R | 24Vdc/0.5A
1 changeover contact



UDK-PLC-R | 48Vdc
1 changeover contact



Electric schematic diagram



Order No.

Order No.

328001

Order No.

328002

Order No.

328003

Order No.

328004

Technical data

Input voltage (coil)	12Vdc ± 10%
Input current	About 14mA
Rated voltage	25Vdc
Release voltage	20Vdc
Acting time	5ms
Release time	5ms
Max. Output voltage	250Vdc/0.5A
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgPd
Mechanical endurance	$1 \cdot 10^7$
Electrical endurance	$1 \cdot 10^7$

Input voltage (coil)	24Vdc ± 10%
Input current	About 8mA
Rated voltage	25Vdc
Release voltage	20Vdc
Acting time	5ms
Release time	5ms
Max. Output voltage	250Vdc/0.5A
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgPd
Mechanical endurance	$1 \cdot 10^7$
Electrical endurance	$1 \cdot 10^7$

Input voltage (coil)	24Vdc/0.5A ± 10%
Input current	About 8mA
Rated voltage	25Vdc
Release voltage	20Vdc
Acting time	5ms
Release time	5ms
Max. Output voltage	250Vdc/0.5A
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgPd
Mechanical endurance	$1 \cdot 10^7$
Electrical endurance	$1 \cdot 10^7$

Input voltage (coil)	48Vdc ± 10%
Input current	About 8mA
Rated voltage	25Vdc
Release voltage	20Vdc
Acting time	5ms
Release time	5ms
Max. Output voltage	250Vdc/0.5A
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgPd
Mechanical endurance	$1 \cdot 10^7$
Electrical endurance	$1 \cdot 10^7$

Input voltage (coil)	48Vdc ± 10%
Input current	About 8mA
Rated voltage	25Vdc
Release voltage	20Vdc
Acting time	5ms
Release time	5ms
Max. Output voltage	250Vdc/0.5A
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgPd
Mechanical endurance	$1 \cdot 10^7$
Electrical endurance	$1 \cdot 10^7$

Insulation data

Coil contact	2500Vac
Contact/contact (Normally Open)	1800Vac
Contamination class	2
Cross section (PCB)	405028 - 14
Cross section	0.14mm ² - 2.5mm ²

Coil contact	2500Vac
Contact/contact (Normally Open)	1800Vac
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Coil contact	2500Vac
Contact/contact (Normally Open)	1800Vac
Contamination class	2
Cross section (PCB)	405028 - 14
Cross section	0.14mm ² - 2.5mm ²

Dimensions

Width/height/height	50x 294mm
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Accessories

Master system		UDR0(24Vdc)	314001
		UDR0(48V)	314002
		UDR0(48V)	314003
Jumper		UPR01-500R0	318001
		UPR01-500R1	318002
		UPR01-500Y	318003

Master system		UDR0(24Vdc)	314001
		UDR0(48V)	314002
		UDR0(48V)	314003
Jumper		UPR01-500R0	318001
		UPR01-500R1	318002
		UPR01-500Y	318003

Master system		UDR0(24Vdc)	314001
		UDR0(48V)	314002
		UDR0(48V)	314003
Jumper		UPR01-500R0	318001
		UPR01-500R1	318002
		UPR01-500Y	318003

Master system		UDR0(24Vdc)	314001
		UDR0(48V)	314002
		UDR0(48V)	314003
Jumper		UPR01-500R0	318001
		UPR01-500R1	318002
		UPR01-500Y	318003

Master system		UDR0(24Vdc)	314001
		UDR0(48V)	314002
		UDR0(48V)	314003
Jumper		UPR01-500R0	318001
		UPR01-500R1	318002
		UPR01-500Y	318003

Relay coupling terminal blocks

UDK-PLC-R | 80Vdc
1 changeover contact



UDK-PLC-R | 110Vdc
1 changeover contact



UDK-PLC-R | 110Vdc/6A
1 changeover contact



UDK-PLC-R | 220Vdc
1 changeover contact



Electric schematic diagram



Order No.

Order No.

325005

Order No.

325006

Order No.

325007

Order No.

325008

Technical data

Input voltage (U _i)	80Vdc ± 10%
Input current	About 5mA
Attract voltage	80Vdc
Release voltage	20Vdc
Attract time	8ms
Release time	7ms
Max. Detect voltage	250Vdc/50mA
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgNi
Mechanical endurance	1 × 10 ⁷
Electrical endurance	1 × 10 ⁷

Input voltage (U _i)	110Vdc ± 10%
Input current	About 5mA
Attract voltage	110Vdc
Release voltage	20Vdc
Attract time	8ms
Release time	4ms
Max. Detect voltage	250Vdc/50mA
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgNi
Mechanical endurance	1 × 10 ⁷
Electrical endurance	1 × 10 ⁷

Input voltage (U _i)	110Vdc/6A ± 10%
Input current	About 5mA
Attract voltage	110Vdc
Release voltage	20Vdc
Attract time	8ms
Release time	4ms
Max. Detect voltage	250Vdc/50mA
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgNi
Mechanical endurance	1 × 10 ⁷
Electrical endurance	1 × 10 ⁷

Input voltage (U _i)	220Vdc ± 10%
Input current	About 5mA
Attract voltage	220Vdc
Release voltage	20Vdc
Attract time	8ms
Release time	4ms
Max. Detect voltage	250Vdc/50mA
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgNi
Mechanical endurance	1 × 10 ⁷
Electrical endurance	1 × 10 ⁷

Input voltage (U _i)	220Vdc ± 10%
Input current	About 5mA
Attract voltage	220Vdc
Release voltage	20Vdc
Attract time	8ms
Release time	4ms
Max. Detect voltage	250Vdc/50mA
Max. Output current	5A
Max. Switching frequency at rated load	1200 times/h
Material of contact	AgNi
Mechanical endurance	1 × 10 ⁷
Electrical endurance	1 × 10 ⁷

Insulation data

Coil contact	250Vdc
Contact/contact (Normally Open)	100Vdc
Contamination class	2
Cross section (AWG)	AWG28 - 14
Cross section	2.14mm ² - 2.0mm ²

Coil contact	250Vdc
Contact/contact (Normally Open)	100Vdc
Contamination class	2
Cross section (AWG)	AWG28 - 14
Cross section	2.14mm ² - 2.0mm ²

Coil contact	250Vdc
Contact/contact (Normally Open)	100Vdc
Contamination class	2
Cross section (AWG)	AWG28 - 14
Cross section	2.14mm ² - 2.0mm ²

Coil contact	250Vdc
Contact/contact (Normally Open)	100Vdc
Contamination class	2
Cross section (AWG)	AWG28 - 14
Cross section	2.14mm ² - 2.0mm ²

Coil contact	250Vdc
Contact/contact (Normally Open)	100Vdc
Contamination class	2
Cross section (AWG)	AWG28 - 14
Cross section	2.14mm ² - 2.0mm ²

Dimensions

Width/thickness/height	80x 20x40mm
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Width/thickness/height	80x 20x40mm
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Width/thickness/height	80x 20x40mm
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Accessories



UDK-PLC-R 80Vdc	01-1402
UDK-PLC-R 110Vdc	01-1403
UDK-PLC-R 110Vdc/6A	01-1404

UDK-PLC-R 80Vdc	01-1402
UDK-PLC-R 110Vdc	01-1403
UDK-PLC-R 110Vdc/6A	01-1404

UDK-PLC-R 80Vdc	01-1402
UDK-PLC-R 110Vdc	01-1403
UDK-PLC-R 110Vdc/6A	01-1404

UDK-PLC-R 80Vdc	01-1402
UDK-PLC-R 110Vdc	01-1403
UDK-PLC-R 110Vdc/6A	01-1404

UDK-PLC-R 80Vdc	01-1402
UDK-PLC-R 110Vdc	01-1403
UDK-PLC-R 110Vdc/6A	01-1404

UDK-PLC-R 80Vdc	01-1402
UDK-PLC-R 110Vdc	01-1403
UDK-PLC-R 110Vdc/6A	01-1404

UDK-PLC-R 80Vdc	01-1402
UDK-PLC-R 110Vdc	01-1403
UDK-PLC-R 110Vdc/6A	01-1404

UDK-PLC-R 80Vdc	01-1402
UDK-PLC-R 110Vdc	01-1403
UDK-PLC-R 110Vdc/6A	01-1404

Relay coupling terminal blocks

UDK-PLC-R | 220Vac

1 changeover contact



UDK-PLC-R | 230Vac/No

1 changeover contact



Electric schematic diagram



Order No.

329309

329310

Technical data

Input voltage (U _i)	220Vac ± 10%	230Vac/No ± 10%
Input current	About 3.5mA	About 3.5mA
Attraction voltage	80%U _i	80%U _i
Release voltage	20%U _i	20%U _i
Attraction time	8ms	8ms
Release time	4ms	4ms
Max. Output voltage	230Vac/120Vdc	230Vac/120Vdc
Max. Output current	8A	8A
Max. Switching frequency at rated load	300/switch	300/switch
Material of contact	AgNi	AgNi
Mechanical endurance	1 · 10 ⁷	1 · 10 ⁷
Electrical endurance	1 · 10 ⁷	1 · 10 ⁷

Insulation data

Coil contact	2000Vdc	2000Vdc
Contact/contact (Normally Open)	1000Vdc	1000Vdc
Contamination class	2	2
Cross section (AWG)	AWG28 - 34	AWG28 - 34
Cross section	0.14mm ² - 0.3mm ²	0.14mm ² - 0.3mm ²

Dimensions

Footprint/height	80x 27mm	80x 27mm
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Accessories

Marker system		UDK010001 014083 UDK010111 014087 UDK010121 014092	UDK010000 014082 UDK010111 014087 UDK010121 014088
Jumpers		UFBST-000R0 31800 UFBST-000R1 31800 UFBST-000CY 31800	UFBST-000R0 31800 UFBST-000R1 31800 UFBST-000CY 31800