



Identification	Type	RE 6-1227 AC/DC 230V
	Part-No.	761227
Input		
Input voltage range		184.0 V – 253.0 V
Nominal voltage		AC/DC 230 V
Rated frequency		50–60 Hz
Rated current		3.5 mA
Interrupting voltage		<23 V
Protection device		Bridge rectifier
Rated insulation voltage (EN 50178)		300 V
Status Indication		LED yellow
Load Side		
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

03.04.2016 – Subject to technical modification

Part-No. 761227

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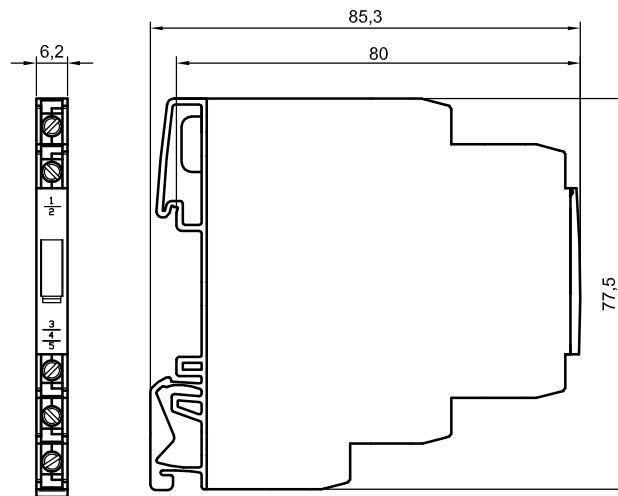
Technical data sheet · Interface Technology

Mechanical service life	> 5 x 10 ⁷ operations
Inrush current	16 A, 4 ms
Switch-on delay	appr. 10 ms
Switch-off delay	appr. 15 ms
Clearance/creep. dist. (control/load side)	>5.5 mm
Protection device output	none
Rated insulation voltage (EN 50178)	300 V
Inrush peak current	<4 ms 16 A

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	Spring terminal 0.25–2.5 mm ²

Dimensions



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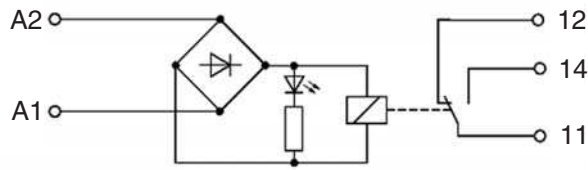
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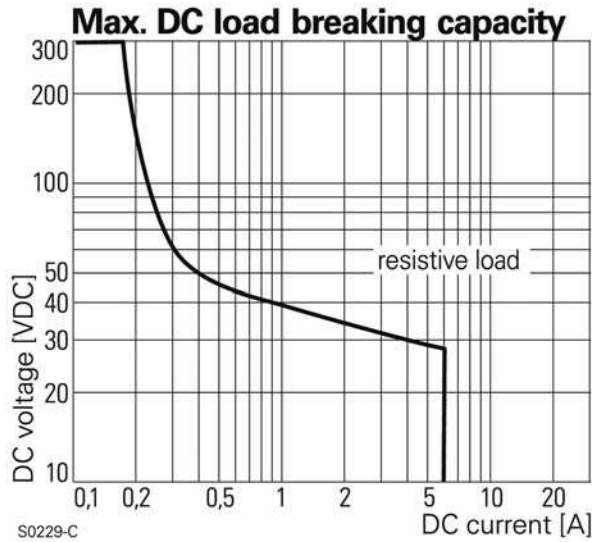


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PIN assignment



Limit curve



Accessories

Accessories	Color	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.

Description

This universal-relay-coupler component is designed for the output-coupler level. The activation occurs via AC/DC 230 V. There is a 250 V / 6 A common available on the load side for the switching of small to medium loads.

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