



Identification	Type	RE 4-1755
	Part-No.	731855

Input

Input voltage range	77.0 V – 137.5 V
Nominal voltage	DC 110 V
Rated current	15.0 mA
Interrupting voltage	<11 V
Protection device	Bridge rectifier
Rated insulation voltage (EN 50178)	160 V
Status Indication	LED yellow

Load Side

Contact type	1 NC/1 NO contact, positively driven in acc. with EN 50205, application type A
Min. switching voltage	AC/DC 5 V
Max. switching voltage	AC/DC 250 V
Min. switching current	AC/DC 5 A
Max. switching current	AC/DC 8 A
Switching capacity AC 15	230 V: 3 A A
Switching capacity DC 13	24 V: 5 A, 0.1 Hz, 110 V: 0.3 A
Max. switching capacity	1250 VA
Contact material	AgSnO ₂ + 0.2 µm HV
Mechanical service life	2 x 10 ⁷ operations

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Inrush current	20 A (20 ms)
Switch-on delay	approx. 10 ms
Switch-off delay	approx. 10 ms
Clearance/creep. dist. (control/load side)	>3.2 mm
Protection device output	none
Rated insulation voltage (EN 50178)	250 V
Inrush peak current	20 A for 20 ms
Switching frequency	at 50 % ED <360 / h
Bounce time	NO contact: approx. 6 ms NC contact: 12 ms

General

Housing material	PPE
Protection class	IP 20
Field installation	rail TS 35 (EN 50022)
Insulation voltage input/output	4.0 kV _{eff}
Insulation resistance	≥100 MΩ
Safe isolation	between control and load sides: yes
Operation temperature range	-25 °C – 60 °C
Storage temperature range	-40 °C – 80 °C
Dimensions (w × h × d)	22.5 × 60.0 × 67.0 mm
Weight (kg/piece)	0.053
Approvals	cULus

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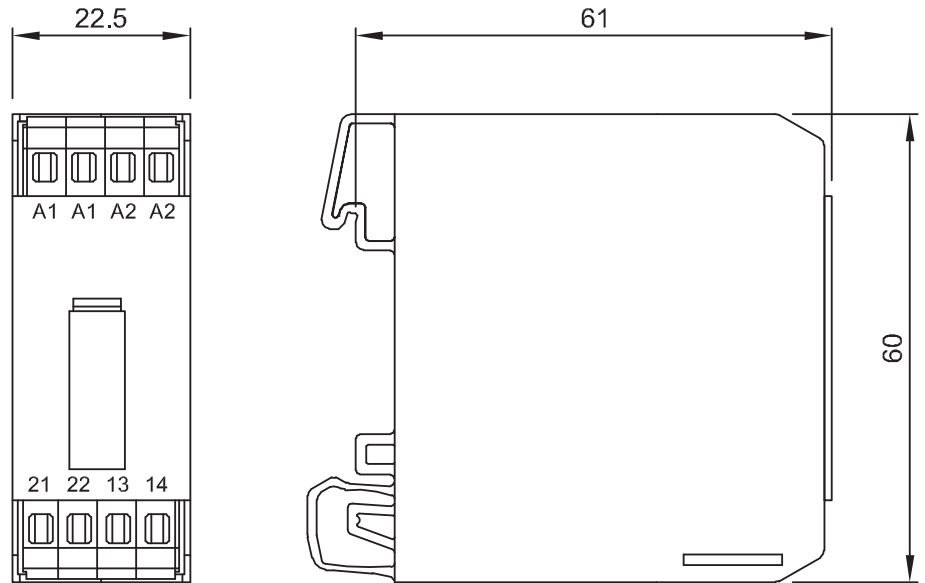
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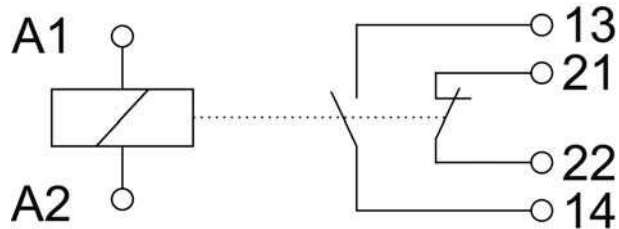
SYSTEMATIC TECHNOLOGY

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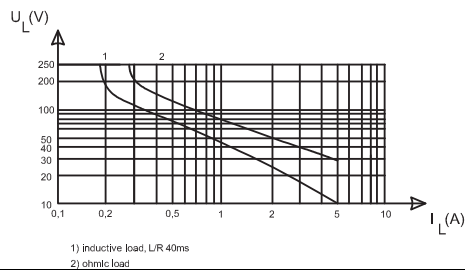
Dimensions



PIN assignment



Limit curve



Accessories

Accessories	Color	Article number	Type	PU
Jumper comb 24pole, 26A	blue	760801	BK 6-0801	5
Tag holder 7×20 mm	white	760968	BZT-0720	100
Labels for laser printer 9 x 20 mm (Sheet with 270 labels)		681032	LEB-0924	1

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SYSTEMATIC TECHNOLOGY

Comments	Inductive loads must be wired with a suitable suppressor element!
Description	This safety relay coupler component is designed for the output coupler level. The activation occurs via DC 110 V. On the load side, there is a positively driven opener and closer contact 250 V /5 A for the secure switching of small to medium loads available.

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