

DATA SHEET

Relais RL 42-I / RL 42 / RL 21



High voltage relay RL 42-I, up to 5,000 V
2 changeover contacts, low current



High voltage relay RL 42, up to 5,000 V
2 changeover contacts



High voltage relay RL 21, up to 5,000 V
1 changeover contact

Description	Electro mechanical relays for practical and robust application in system and switch cabinet manufacture. Millionfold proven technology with almost unlimited life.	
Drive	Monostable DC relay	
Contacts	RL 42-I & RL 42	2 change-overs
	RL 21	1 change-over
Field coil	RL 42-I	24 VDC / 0.07 A
	RL 42 & RL 21	24 VDC / 0.25 A
Status indication	RL 42-I & RL 42	LED
Connections	Switching circuits	flat plug 6.3 mm (0.25 in.)
	Field coil	flat plug 4.8 mm (0.19 in.)
Switching voltage	For applications up to 5,000 V AC	
Switching capacity	max. 5,000 VA (ohmic load)	
Test voltage	Contact / field coil	20,000 V DC
	Contact / contact	8,000 V DC
	Isolating voltage	5,000 V AC
Switching current	max. 10 A AC/DC	
Continuous current	max. 30 A AC/DC	
Switching frequency	max. 3 / s	
Mechanical switching cycles	> 5 x 10 ⁶	
General Data	Dimensions (HxWxD) and weight: RL 42-I & RL 42	55 x 78 x 48 mm / approx. 300 g 2.2 x 3.1 x 1.9 in. / approx. 0.66 lbs.
	Dimensions (HxWxD) and weight: RL 21	55 x 78 x 40 mm / approx. 260 g 2.2 x 3.1 x 1.6 in. / approx. 0.57 lbs.
Fastening	M4 or top-hat (DIN) rail	
Accessories	Mounting clip	MC 22

