

DATA SHEET

High Voltage Relay **RL 20**



Relay RL 20, up to 6,000 V AC, double pole double throw

Snap-on mounting on top-hat rail

Description	The RL 20 high voltage relay is the further development of our proven high-voltage relays with positively driven contacts for two changeover switches and contact protection. Due to the new mode of operation, the contact resistances have been greatly reduced. In addition, there are now screw connections and an auxiliary contact that functions as a normally closed contact.	
Contacts (positively driven)	Main circuit	double pole double throw
	Auxiliary circuit	NC contact
Exciter coil	Coil voltage	24 V DC (5 – 55 °C)
Status display		LED
Connections	Switching circuits	Screw connection
	Exciter coil	Screw connection
Switching voltage max.	Main circuit	6,000 V AC
	Auxiliary circuit	400 V AC
Switching current	Main circuit	max. 10 A AC
	Auxiliary circuit	max. 2 A
Continuous current	Main circuit	max. 30 A AC / DC
	Auxiliary circuit	max. 2 A
Contact resistance		< 10 mΩ
Switching frequency		max. 3 / s
Carrier material		PA6 V0, PC V0
Protection class		IP 20
General data	Dimensions (HxBxT) / Weight	100 x 56 x 85 mm (3.9 x 2.2 x 3.3 in.) / approx. 430 g (0.95 lbs.)
	Storage / operating temperature	0 up to +40 °C / +5 up to +55 °C
Fastening	Snap-on mounting	on top-hat rail (35 mm) according to DIN EN 60715
	Screw mounting	4 x Ø 4.5 mm (35 x 75 mm)

