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High Voltage Relay

RL 20

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.

		RL20
Contacts (positively driven)	Main Circuit	double pole double throw
	Auxiliary Circuit	NC contact
Exciter Coil	Coil Voltage	24 VDC
Status Display		LED
Connections	Switching Circuits	Screw connection
	Exciter Coil	
Switching Voltage	Main Circuit	max. 6000 VAC
	Auxiliary Circuit	max. 400 VAC
Switching Current	Main Circuit	max. 10 AAC
	Auxiliary Circuit	max. 2 A
Continuous Current	Main Circuit	max. 30 AAC / DC
	Auxiliary Circuit	max. 2 A
Contact Resistance		< 10 mΩ
Switching Frequency		max. 3 / s
B10d Value	$I \leq 10\% I_{max}$	$> 2 \times 10^6$
Carrier Material		PA6 V0, PC V0
Protection Class		IP 20
Fastening	Snap-on Mounting	on top-hat rail (35 mm 1.37 in) according to DIN EN 60715 4 x Ø 4.5 mm (35 mm x 75 mm) 4 x Ø 0.17 in (1.37 in x 2.95 in)
	Screw Mounting	
Temperature	Storage / Operating Temperature	0 °C - 40 °C / 5 °C - 55 °C
		32 °F - 104 °F / 32 °F - 131 °F
Dimensions and Weight (approx.)	Height	100 mm 3.9 in
	Width	56 mm 2.2 in
	Depth	85 mm 3.3 in
	Weight	430 g / 0.95 lbs