



## three-Phase control relay

### RM22TG20

URL: <https://www.sxplc.com/three-phase-control-relay-rm22tg20>

### Product data sheet

Relay type	Control relay
product or component type	3-phase control relay
Network number of phases	3 phases
Relay name	RM22TG
Relay monitored parameters	Phase sequence Phase failure detection (2 or more phase cut)
Time delay type	Without
Switching capacity in VA	2000 VA
Measurement range	208...480 V voltage AC
Contacts type and composition	2 C/O

Complementary	Reset time	1500 ms at maximum voltage
	Maximum switching voltage	250 V AC
	Minimum switching current	10 mA at 5 V DC
	Maximum switching current	8 A AC
	[Us] rated supply voltage	AC/DC
	Supply voltage limits	183...528 V AC
	operating limits	183...528 V AC

Power consumption in VA	15 VA at 480 V AC 60 Hz
Voltage detection threshold	< 100 V AC
supply voltage frequency	50...60 Hz +/- 10 %
Output contacts	2 C/O
Run-up delay at power-up	650 ms
Response time	<= 200 ms
Overvoltage category	III conforming to IEC 60664-1 III conforming to UL 508
Insulation resistance	> 100 MOhm at 500 V DC conforming to IEC 60255-27
Mounting position	Any position
Connections - terminals	Screw terminals, 2 x 0.5...2 x 2.5 mm <sup>2</sup> (AWG 20...AWG 24) without cable end Screw terminals, 2 x 0.2...2 x 1.5 mm <sup>2</sup> (AWG 24...AWG 28) flexible with cable end Screw terminals, 1 x 0.5...1 x 3.3 mm <sup>2</sup> (AWG 20...AWG 24) without cable end Screw terminals, 1 x 0.2...1 x 2.5 mm <sup>2</sup> (AWG 24...AWG 28) flexible with cable end
Tightening torque	0.6...1 N.m conforming to IEC 60947-1
Housing material	Self-extinguishing plastic
Status LED	LED (yellow) relay ON LED (green) power ON
Mounting support	35 mm DIN rail conforming to IEC 60715
Electrical durability	100000 cycles
Mechanical durability	10000000 cycles
Utilisation category	AC-15 conforming to IEC 60947-5-1 DC-13 conforming to IEC 60947-5-1 AC-1 conforming to IEC 60947-4-1 DC-1 conforming to IEC 60947-4-1
[Un] rated nominal voltage	, self-powered

Safety reliability data	MTTFd = 924.6 years B10d = 850000
Contacts material	Cadmium free
Control type	With test button
Width	22.5 mm
net weight	0.09 kg

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