

Monitoring & Control Relay



TECHNICAL SPECIFICATION

Phase Monitoring Relay



Model: RTA PMR	
Nominal mains voltage	L-L : 400 V AC : L-N: 230 V AC
Minimum required device supply	L2-L3: 220 V AC
Monitoring parameters	Over voltage, Under voltage, Phase sequence and Phase loss
Operation mode	3 Phase 4 wire (L-N)
	3 Phase 3 wire (L-L)
Operating value setting range	Under voltage
	-30% to 0% of nominal
	L-L: 280-400
	L-N: 161-230
	Over voltage
	0% to 25% of nominal
	L-L: 400-500
	L-N: 230-288
Phase loss operation	<60% of nominal.
	For L-L: <240V AC,
	L-N: <138V AC
Start up delay	1/5s selectable by DIP switch
OUTPUTS	
Relay	2 SPDT
Mounting	DIN rail



+91 85919 10242

✉ raytech@raytechautomation.com

🌐 www.raytechautomation.com

Speed Monitoring Relay - AC



TECHNICAL SPECIFICATION

Model: RTA SMR AC	
Supply voltage	230V AC, 50Hz
Operating voltage range	85-285V AC, 50Hz
Power consumption	< 3VA
OUTPUTS	
Power supply for sensor	+24V DC, 0V DC ; 50 mA
Power supply for trigger logic	+24V DC
Relay	1 C/O Contact rating: 250V AC, 10A resistive load
SIGNAL INPUTS	
Sensor	NPN NO / PNP NO
Trigger	+24V DC (TRG)
Mounting	DIN rail

Monitoring & Control Relay



Speed Monitoring Relay - DC

TECHNICAL SPECIFICATION



Model: RTA SMR DC	
Supply voltage	24V DC
Operating voltage range	19-28V DC
Power consumption	2W
OUTPUTS	
Power supply for sensor	+24V DC, 0V DC ; 50 mA
Relay	1 C/O Contact rating: 250V AC, 10A resistive load
SIGNAL INPUTS	
Sensor	NPN NO / PNP NO
Mounting	DIN rail

Sensor Timer

TECHNICAL SPECIFICATION

Model: RTA SMR DC	
Supply voltage	24V DC
Operating voltage range	19-28V DC
Power consumption	2W
OUTPUTS	
Power supply for sensor	+24V DC, 0V DC ; 50 mA
Relay	1 C/O Contact rating: 250V AC, 10A resistive load
SIGNAL INPUTS	
Sensor	NPN NO / PNP NO
Mounting	DIN rail



+91 85919 10242

✉ raytech@raytechautomation.com

🌐 www.raytechautomation.com