RM35S0MW

RM35HZ21FM

RM35AT•0MW

Harmony™ Speed, Frequency, and Temperature Control Relays

Harmony speed control relay RM35SOMW monitors underspeed and overspeed conditions, with or without memory, with inhibition by an external contact. It operates with either N.O. or N.C. sensors. Adjustable time between impulses is 0.05 s to 10 min. Power-on inhibition time is adjustable from 0.6 to 60 s. Inhibition is controlled by an external contact. Settings are protected by a sealable cover, control status is indicated by an LED, and it is DIN rail mountable.

Table 23.172: Speed Control Relay

Function	Time Delay	Measurement Input	Supply	Out-put	Catalog Number
Under-speed	0.05 s to 10 min	3-wire PNP or NPN proximity sensor	24–240 Vac/ Vdc	1 C/O 5A	RM35S0MW
Over-speed		Namur type proximity sensor 0–30 V voltage Volt-free contact			

Harmony frequency control relay RM35HZ monitors its own supply voltage. Settings are protected by a sealable cover, control status is indicated by an LED, and it is DIN rail mountable.

Table 23.173: Frequency Control Relay

Function	Controlled	Supply Voltage	Output	Catalog Number
Over frequency and under frequency (50 or 60 Hz)	40–60 Hz (50 Hz) / 50–70 Hz (60 Hz)	120–277 Vac	1 C/O + 1 C/O 5 A	RM35HZ21FM

Harmony temperature control relays are designed for monitoring the temperature in elevator (lift) rooms, in compliance with directive EN81. For use with PT100 input (customer supplied). Features adjustable control, control status indicated by an LED, and is DIN rail mountable.

Table 23.174: Temperature Control Relays

Function	Supply Voltage	Vac	Output	Catalog Number
Over temperature 93 to 114°F (34 to 46°C)	24–240 Vac/Vdc	—	1 C/O 5 A	RM35ATL0MW
Under temperature 30 to 51°F (-1 to 11°C)		—	2 N.O. 5 A	RM35ATR5MW
Over temperature 93 to 114 °F (34 to 46°C)		208–480 Vac	2 N.O. 5 A	RM35ATW5MW
Under temperature 30 to 51°F (-1 to 11°C)				
Phase sequence				
Phase failure				

Approvals for Harmony Speed, Frequency, and Temperature Control Relays

c UL us LISTED — File: E173076 CNN: NRNT, NRNT7

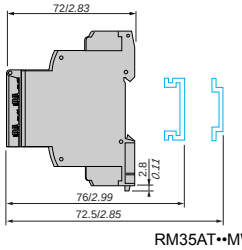
SA — File: 248382 Class: 3211 07

CE — CE: 73/23/EEC and EMC 89/ 336/EEC

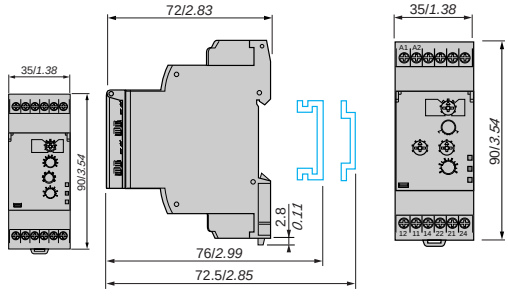
GL, C-Tick, GOST, RoHS

Approximate Dimensions (mm/in.)

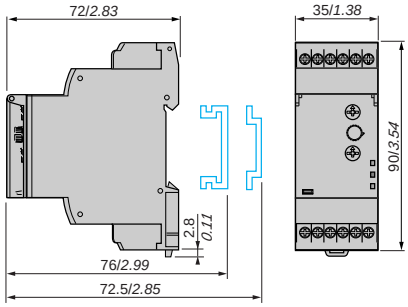
RM35S0MW



RM35HZ21FM



RM35AT••MW



1 C/O =

2 N/O =