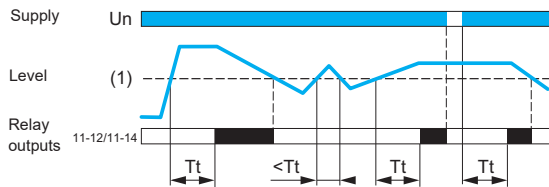


Operating principle (continued)

RM22LA and RM22LG (continued)

Control of one level, empty function

□ Empty function T on



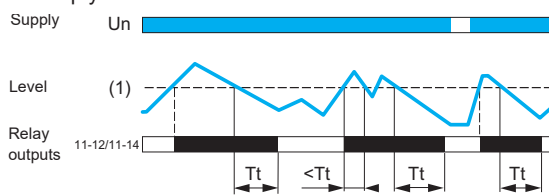
■ Level: 1 - on delay functions:

-  **LS** (Low Sensitivity: 250 Ω...5 kΩ)
-  **St** (Standard Sensitivity: 5 kΩ...100 kΩ)
-  **HS** (High Sensitivity: 50 kΩ...1 MΩ)

When the liquid level rises above the probe for a time greater than the time delay value T_t set on the front panel, the relay is energized and stays energized until the liquid level drops back to the probe.

If the liquid drops back below the set level before the end of the time delay, the relay is not energized.

□ Empty function T off



■ Level: 1 - off delay functions:

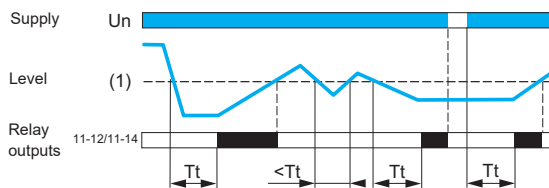
-  **LS** (Low Sensitivity: 250 Ω...5 kΩ)
-  **St** (Standard Sensitivity: 5 kΩ...100 kΩ)
-  **HS** (High Sensitivity: 50 kΩ...1 MΩ)

When the liquid level rises above the probe, the relay is energized instantly and stays energized until the liquid again reaches the probe level for a time T_t set on the front panel.

If the liquid drops back below the set level before the end of the time delay period, the relay stays energized.

Control of one level, fill function

□ Fill function T on



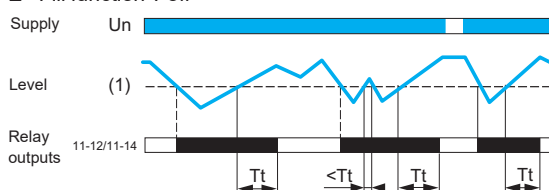
■ Level: 1 - on delay functions:

-  **LS** (Low Sensitivity: 250 Ω...5 kΩ)
-  **St** (Standard Sensitivity: 5 kΩ...100 kΩ)
-  **HS** (High Sensitivity: 50 kΩ...1 MΩ)

When the liquid level drops below the probe for a time greater than the time delay value T_t set on the front panel, the relay is energized and stays energized until the liquid level rises back up to the probe.

If the liquid rises back above the set level before the end of the time delay period, the relay is not energized.

□ Fill function T off



■ Level: 1 - off delay functions:

-  **LS** (Low Sensitivity: 250 Ω...5 kΩ)
-  **St** (Standard Sensitivity: 5 kΩ...100 kΩ)
-  **HS** (High Sensitivity: 50 kΩ...1 MΩ)

When the liquid level drops below the probe, the relay is energized instantly and stays energized until the liquid level again reaches the probe level and stays above it for a time greater than the time delay period T_t set on the front panel.

If the liquid drops back below the set level before the end of the time delay period, the relay stays energized.

Note: T_t : time delay after crossing of the threshold.

Harmony Control Relays

Liquid level control relays
RM22LA and RM22LG



RM22LG11MR



RM22LG11MT



RM22LA32MR

References						
Function	Rated supply voltage	Measurement range	Time delay	Output	Reference	Weight
	V	Ω				kg/lb
■ Level 1/ Level 2 ■ Fill operation ■ Empty operation	24...240 ~	5 K...100 K	No	1 CO 8 A	RM22LG11MR	0.100/ 0.220
	380...415 ~	5 K...100 K	No	1 CO 8 A	RM22LG11MT	0.100/ 0.220
	24...240 ~	250...1 M	On/Off delay (0.1...30 s)	2 CO 8 A	RM22LA32MR	0.110/ 0.242