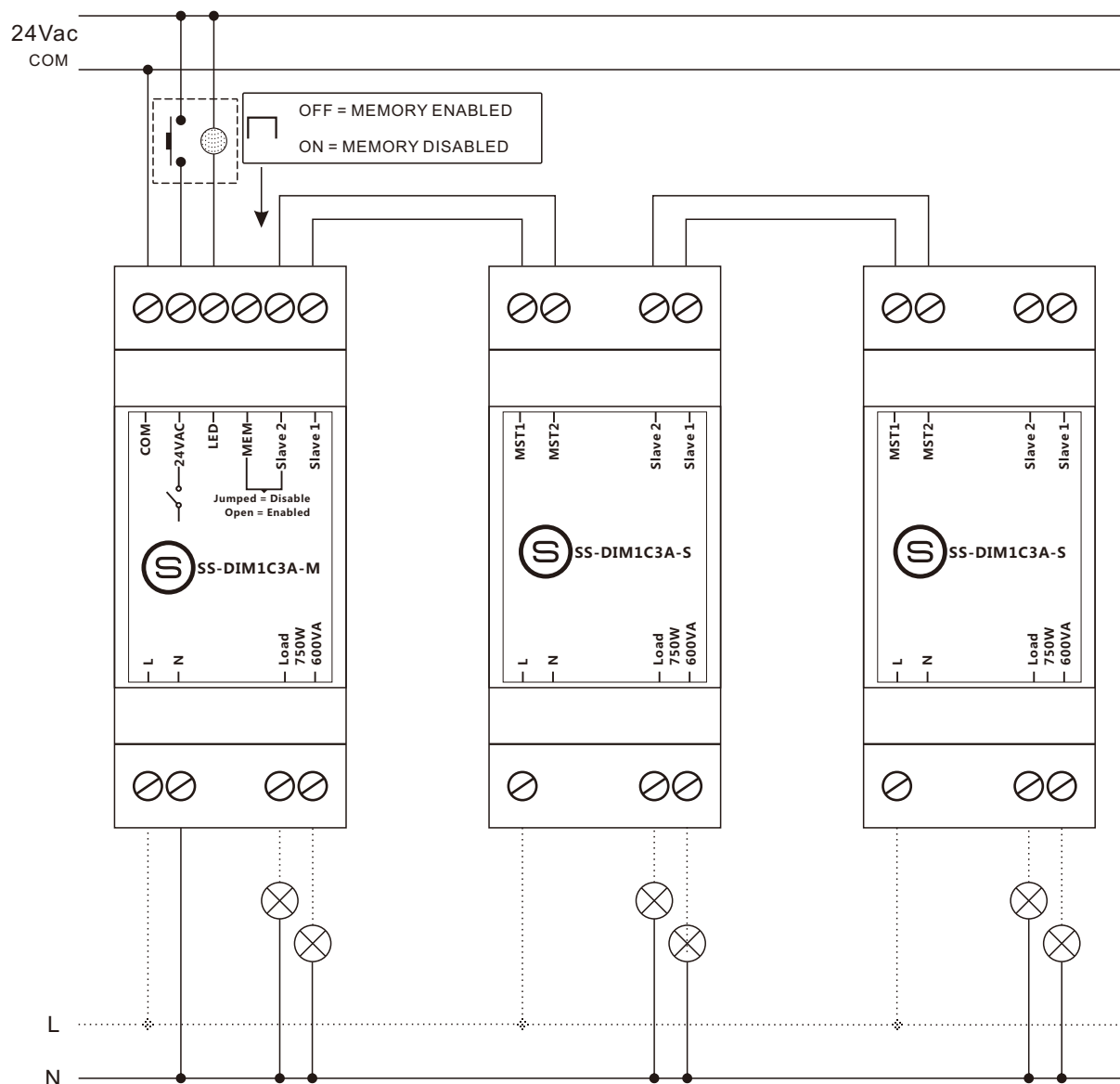


# INSTALLATION NOTE FOR UNIVERSAL DIMMERS



## INSTRUCTIONS FOR USE

The family of universal dimmers from SmartGroup comprise a MASTER Dimmer, part number DIM1C3A-M, and a SLAVE Dimmer, part number DIM1C3A-S.

Both are capable of driving up to 750W resistive load or 600VA inductive load.

They are intended to be driven from a 24Vac line using a simple push-button switch (or several push-buttons in parallel).

The Master has a LED driver output. The series resistor for setting the LED current must be added externally depending on the type of LED used.

Each installation shall comprise at least a Master Dimmer. In case more output power is needed, up to 3 additional Slave Dimmers may be added to a single Master.

Slaves MUST be connected to the same phase as the Master. They have no control input nor a LED driver output. They simply follow the setting of the Master.

The Master Dimmer has a memory function to memorize its power ratio at turn off. This function can be disabled by placing a link between terminals MEM and Slave2.

Both types have 2 output terminals for connecting the load. These terminals are simply in parallel and allow easy connection in case the loads are split in 2 circuits. The total load connected to each dimmer, however, should not exceed 750W or 600VA.

## OPERATION

A short depress of the command button will toggle the dimmer from OFF to ON or vice versa.

When switched ON, the dimmer will use the power setting it had when last switched off, unless the memory function is disabled. In the latter, it switches on with 100% power to the load.

If the command button is kept depressed while the dimmer is on, dimming will start after a short delay.

Dimming direction (UP or DOWN) will toggle at each release of the command button.