


## Devices for EN 50022 rail installation - TECHNICAL CHARACTERISTICS

### 01853 - MASTER dimmer

This device is controlled directly from BUS line and controls directly the load. It controls up to 4 01854 dimmers.

#### Technical specifications

- rated voltage: BUS 29 V
- supply voltage: 230 V~
- absorption: 10 mA
- connection terminals:
  - BUS TP
  -  load, L phase
- controllable loads:
  - incandescent lamps: 40-500 W
  - ferromagnetic transformers: 40-500 VA
  - VIMAR electronic transformers: 01860.60 (max 4 - 240 VA)
  - VIMAR electronic transformers: 01860.105 (max 3 - 300 VA)
- operating temperature: -5 °C +45 °C (for indoor use)
- 3 modules of 17,5 mm


#### Conformity to Standards for 01853

LV Directive, EMC Directive  
EN 50090-2-2, EN 50428 Standards

### 01853.120 - MASTER dimmer 120 V~

As for 01853.



#### Technical specifications

- rated voltage: BUS 29 V
- supply voltage: 120 V~
- absorption: 10 mA
- connection terminals:
  - BUS TP
  -  load, L phase
- controllable loads:
  - incandescent lamps: 40-500 W
  - ferromagnetic transformers: 40-500 VA
  - "L" type electronic transformers: 40-300 VA
- operating temperature: -5 °C +45 °C (for indoor use)
- 3 modules of 17,5 mm

### 01857.120 - MASTER dimmer

This device is controlled directly from BUS line and controls directly the load. It controls up to 4 01858.120 dimmers.


#### Technical specifications

- rated voltage: BUS 29 V
- supply voltage: 120 V~
- absorption: 10 mA
- connection terminals:
  - BUS TP
  -  load, L phase
- controllable loads: 40-400 VA  capacitive response electronic transformers:
- operating temperature: -5 °C +45 °C (for indoor use)
- 4 modules of 17,5 mm

### 01854 - SLAVE dimmer

Microprocessor MOS and TRIAC dimmer. No filter coil and therefore no buzzing. It does not need a connection to the BUS but a synchronism signal from a MASTER dimmer or from a pilot device for the SLAVE dimmer in the By-me system.

#### Technical specifications

- supply voltage: 230 V~
- terminals:  load, L phase, S synchronism
- controllable loads:
  - incandescent lamps: 40-500 W
  - ferromagnetic transformers: 40-500 VA
  - ferromagnetic VIMAR electronic transformers: 01860.60 (max 4 - 240 VA)
  - VIMAR electronic transformers: 01860.105 (max 3 - 300 VA)
- operating temperature: -5 °C +45 °C (for indoor use)
- 3 modules of 17,5 mm


#### Conformity to Standards for 01854

LV Directive, EMC Directive  
EN 60669-2-1 Standard

### 01854.120 - SLAVE dimmer 120 V~

As for 01854.



#### Technical specifications

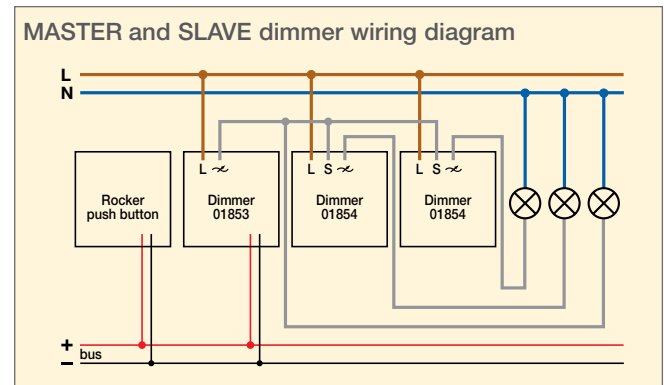
- supply voltage: 120 V~
- terminals:  load, L phase, S synchronism
- controllable loads:
  - incandescent lamps: 40-500 W
  - ferromagnetic transformers: 40-500 VA
  - "L" type electronic transformers: 40-300 VA
- operating temperature: -5 °C +45 °C (for indoor use)
- 3 modules of 17,5 mm

### 01858.120 - SLAVE dimmer

This device does not need a connection to the BUS but a synchronism signal from a MASTER-dimmer 01857.120. No buzzing whatsoever.

#### Technical specifications

- supply voltage: 120 V~
- terminals:  load, L phase, S synchronism, N neutral
- controllable loads: 40-400 VA  capacitive response electronic transformers
- operating temperature: -5 °C +45 °C (for indoor use)
- 4 modules of 17,5 mm



## Devices for EN 50022 rail installation

### MASTER dimmer

**01853** MASTER dimmer, supply voltage 230 V~ 50 Hz for: 40-500 W incandescent lamps, 40-500 VA ferromagnetic transformers, 40-300 VA dedicated electronic transformers, MASTER function, for 01854, 14536, 16976, 20536, protection fuse, on EN 50022 rail installation, occupies 3 17,5 mm modules, RAL 7035 grey

**01853.120** MASTER dimmer, supply voltage 120 V~ 50 Hz for: 40-500 W incandescent lamps, 40-500 VA ferromagnetic transformers, 40-300 VA "L" type electronic transformers, MASTER function, for 01854.120, protection fuse, on EN 50022 rail installation, occupies 3 17,5 mm modules, RAL 7035 grey



**01853**  
**01853.120**

### SLAVE dimmer


**01854** SLAVE dimmer, supply voltage 230 V~ 50 Hz for: 40-500 W incandescent lamps, 40-500 VA ferromagnetic transformers, 40-300 VA dedicated electronic transformers, control from 01853, 14528, 14548, 16968, 16988 20528, 20548, protection fuse, on EN 50022 rail installation, occupies 3 17,5 mm modules, RAL 7035 grey


**01854.120** SLAVE dimmer, supply voltage 230 V~ 50 Hz for: 40-500 W incandescent lamps, 40-500 VA ferromagnetic transformers, 40-300 VA "L" type electronic transformers, control from 01853.120, protection fuse, on EN 50022 rail installation, occupies 3 17,5 mm modules, RAL 7035 grey



**01854**  
**01854.120**

### MASTER and SLAVE dimmer

**01857.120** MASTER dimmer, supply voltage 120 V~ 50-60 Hz for: 40-400 VA  capacitive response electronic transformers, MASTER function for 01858.120, protection fuse, on EN 50022 rail installation, occupies 4 17,5 mm modules, RAL 7035 grey

**01858.120** SLAVE dimmer, supply voltage 120 V~ 50-60 Hz for: 40-400 VA  capacitive response electronic transformers, control from 01857.120, protection fuse, on EN 50022 rail installation, occupies 4 17,5 mm modules, RAL 7035 grey



**01857.120**



**01858.120**