

LOCAL UNIT (SLAVE) WITH RELAY OUTPUT AND 0...10 V DC MULTIZONE SYSTEM

RTL 120 - RTL 520



APPLICATION

- RTL 120-520 is the unit (SLAVE) for heating control and other functions of the single zone.
- This unit can be housed in a standard 503 built-in enclosure.
- It is compatible with switchboard frames and plates readily available on the market
 - receives power from the auxiliary power supply ALC 318 or ALP 418
 - controls the local thermal unit by the control of :
- On-Off zone valve with 230 V~ motor and modulation unit with 0 ...10V~ input
- On-Off zone valve with 24 V~ motor, or other voltages and modulation unit with 0 ...10V~ input
- zone valve with 24 V~ thermal motor, or other voltages and modulation unit with 0 ...10V~ input
- zone circulation pump with fixed or variable number of revolutions
- burner or small zone boiler with 0...10 V- input as POWER or TEMPERATURE
- On-Off control of the valve and of the fan of a fan-coil with 0...10 V~ input
- Any other device controllable with three-contacts relay and with 0 ...10V~ input
 - internal room sensor or external sensor
 - complete configuration of the limits and of mode of use permitted to user
 - three On-Off inputs to be programmed as required
 - large display with simplified readout for less expert users
 - three push-button switches with "intuitive" use, again for less-expert users
- Ability to function in event of breakdown of centralised communication

Features

- Regolazione della temperatura ambiente:
 - a punto fisso
 - con compensazione estiva
 - funzione "antigelo"
 - funzione "antiafa" (riduzione estiva)
- Predisposizione per accedere ai parametri di taratura e programmazione
- 3 ingressi ON-OFF liberamente programmabili per funzioni ausiliarie in alternativa a quelle disponibili:
 - funzione "finestra"
 - funzione "assenza"
 - funzione "chiamata/soccorso"

DATI TECNICI

- Alimentazione : 7...18V DC
- Potenza assorbita : 0,003 W
- Portata contatti senza potenziale : 250V AC, 5(1)A in commutazione
- Montaggio:
 - RTL 120 ad incasso su scatola 503
 - RTL 520 a parete
- Protezione : IP 40
- Campo di misura : 0...40°C
- Ingressi analogici : 1 x NTC 10kΩ
- Ingressi digitali : 3 x funzioni ausiliarie
- Uscita analogica : 1 x 0...10V DC, 1mA
- Sistemi di comunicazione : P-Loc: con unità centrale MRL 608

Code	Description	Data Sheet
RTL 120	Built-in local unit with 0...10 V~ relay output	B 556
RTL 520	Wall-mounted local unit with 0...10 V~ relay output	B 556

SPECIAL VERSION

Code	Description
RTL 520/AG	Wall-mounted local unit with 0...10 Volt DC relay output, enclosure silver finish
RTL 520/AL	Wall-mounted local unit with 0...10 Volt DC relay output, enclosure aluminium finish
RTL 520/B	Wall-mounted local unit with 0...10 Volt DC relay output, enclosure black finish
RTL 520/GY	Wall-mounted local unit with 0...10 Volt DC relay output, enclosure grey finish

ACCESSORIES

Code	Description
ASA 2418	Cable for powering RTL 1.. and RTL 5.. directly with 24 V AC

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