

# HANDLING CONTROL DELIVERY

Device adapted to control the resistive heating cable for the control of the ambient temperature and surfaces through static relays

They control the power consumption of USER to ensure that we remain within the limits of electric power supplied by the contactor and use all when it's available.

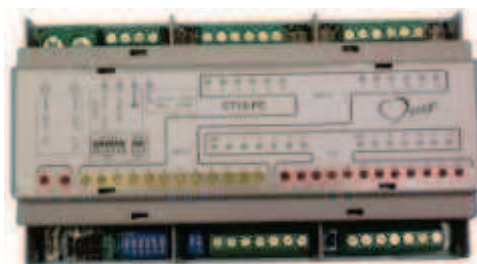
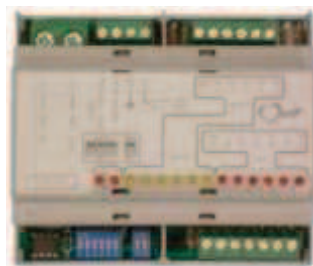
Description	Code	Input	Output	Weight
6 areas control	200010001	6	6	0,400 kg
12 areas control	200010002	12	12	0,528 kg
9 areas control	200010003	9	12	0,830 kg
External TA	200010004	1	1	0,630 kg
SSR 10A	200040110	1	1	0,120 kg
SSR 20A	200040111	1	1	0,257 kg
SSR 30A	200040112	1	1	0,257 kg

## TECNICAL CARACTERISTICS OF 6/12 AREAS CONTROL:

- Control the power consumption of the USER with maximum power setting used.
- Activation of loads based on inputs used with three methods of management: Rotation, rotation with loads of overlap, priority for placement of loads.
- Alarm for exceeding the power limit
- Diagnostic testing of loads.

### Technical data:

- Power supply 230V AC 5VA.
- Maximum power managed (including the USER ) with internal transducer 10KW 230V AC.
- Possibility to connect a external T.A. for equal or greater powers.
- N°6/12 optically isolated inputs for voltage of 230V AC .
- N°6/12 logic outputs for static relays 15V DC 20mA.
- Alarm output 230V MAX. 150W Neutral.
- Limits of power programmable.
- Choice of control and diagnostics loads methods
- Led for indicating the inputs/outputs status
- Cycle time 60/120 Sec.
- Response time for User adaptation 2Sec.
- IP 00
- Installation DIN rail
- 6/9 modules sizes



MADE IN ITALY

# HANDLING CONTROL DELIVERY

## TECNICAL CARACTERISTICS OF 9 AREAS CONTROL:

- Control the power consumption of the USER with maximum power setting used.
- Activation of loads based on inputs used and available power.
- Diagnostic testing of loads.



### Technical data:

- Power supply 230V.
- Possibility of connect up to external 3 T.A.
- N°9 optically isolated input for voltage 230V AC
- N°12 control outputs NPN 12 Vdc
- N° 1 enabling contact 1 NC 230 Vac
- Limits of power programmable
- Viewing and programming display
- Cycle time programmable
- Expandable up to 3 units
- Installation DIN rail
- 12 modules sizes

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## SSR 10A:



- Pilot stage: SCR
- Contact configuration: SPST-NO
- Type of switching: Zero Cross
- Voltage piloting: 3 ÷ 32 Vdc
- Load Voltage : 24 ÷ 280 Vac
- Controllable current on resistive load: 8 A
- Controllable current on inductive load: 4,5 A
- Minimum load current: 50 mA
- Max RMS current overload (1 sec): 24 A
- Max loss current in OFF (rms): 10 mA
- Bar assembling DIN
- 1 module size

## SSR 20 A / 30 A:



- Pilot stage: SCR
- Type of switching: Zero Cross
- Voltage piloting: 4 ÷ 32 Vdc
- Load Voltage: 23 ÷ 280 Vac
- Controllable current on resistive load: 20 / 30 A
- Controllable current on inductive load: 5 / 15 A
- Minimum load current: 350 / 250 mA
- Max RMS current overload (1 sec): 35 / 125 A
- Max loss current in OFF (rms): 3 mA
- Bar assembling DIN
- 1 module size