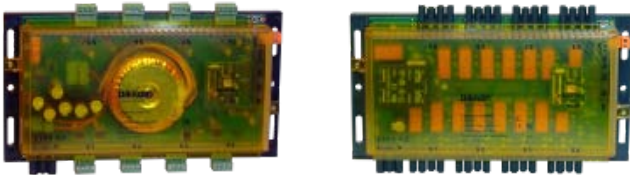


CTR-4S / 8S24 and CTR-4S / 8S230 Series

Sunblind controllers: up, down, rotation
DAVILON® range

Overview



Sunblind controllers allow the control of 4 or 8 sunblinds maximum in a room (up, down, rotation). Two versions are available: 230VAC or 24VDC outputs.

They can work in 'stand alone' mode or connected to a Building Management System (BMS) with an open and interoperable network: LonWorks.

Applications

- The sunblind controllers bring optimized comfort and energy savings within office buildings or open areas.
- A comprehensive sunblind controller range: 4 or 8 sunblind control, 230VAC or 24VDC.
- Used jointly with our graphic configuration software, they build a modular solution in case of repartitioning: no requirements to modify your installation.

Features & Benefits

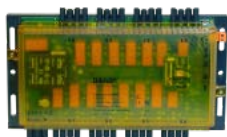
- Management of sunblind closure according to sunlight and room occupancy optimizes energy savings made as a result of HVAC parameters (5% additional saving can be achieved on HVAC consumptions).
- Modular solution: it can be adapted to an office repartitioning.
- One controller to manage sunblinds in several rooms (depending on your installation).
- All controllers on the LonWorks network enable the lighting and HVAC variables (for a multi-discipline management).
- A comprehensive accessories range fully compatible with our controllers: orders emitted by a remote control, presence and Lux level measure information given by multi-sensors.
- Installation on a double DIN rail or fixed onto the wall.
- All controllers are provided with 'pluggable connectors' for an easier connection in ceilings.
- All controllers perform positive security by automatically turning ON all the lights when a defect is detected.
- "Pin Service": push button in front of the controllers.

For more information about controller installation, please refer to the hardware installation guide.

Product Warranty & Total Quality Commitment

All Distech Controls product lines are built to meet rigorous quality standards and carry a two-year warranty. Distech Controls is an ISO 9001 registered company.

Sunblind Controllers



CTR-4S230 Sunblind controller, 4 230VAC outputs

CTR-8S230 Sunblind controller, 8 230VAC outputs



CTR-4S24 Sunblind controller, 4 24VDC outputs

CTR-8S24 Sunblind controller, 8 24VDC outputs

Note:
*Manual mode: it only enables orders sent by users (installation with a receiver and a remote control).
Automatic mode: manual mode features + automatic regulation of comfort parameters (installation with a multi-sensor and a remote control OR an infrared receiver with Lux level sensor and a remote control).*

Complementary Products

Receivers

Infrared, radio or EnOcean receivers. They receive orders emitted by remote controls.



RIR-I Transparent infrared receiver (slotted into ceilings)



RIR-L White infrared receiver and Lux level sensor (slotted into ceilings)

RIR-B White infrared receiver (slotted into ceilings)



RFR-D 4 channel radio receiver (hidden in ceilings)

RFR-D-ENOCEAN 4 channel EnOcean radio receiver (hidden in ceilings)

Mini multi-sensors

Infrared and radio multi-sensors. Slotted into ceilings, they receive orders emitted by remote controls.



MS2-I-P Infrared mini multi-sensor: presence detection

MS2-I-PL Infrared mini multi-sensor: presence detection and Lux level measure

MS2-I-PLT Infrared mini multi-sensor: presence detection, Lux level and temperature measures

MS2-R-PL Radio mini multi-sensor: presence detection and Lux level measure

MS2-R-PLT Radio mini multi-sensor: presence detection, Lux level and temperature measures

Multi-disciplines or mono-discipline remote controls

Infrared, radio and EnOcean remote control range. They allow users to adjust the sunblinds in a room.



TCND-I* White infrared multi-discipline remote control: lighting, sunblind, temperature and fan speed control

TCND-IT-PM* White infrared multi-discipline remote control with wall-mounted support for fixed TCND: lighting, sunblind, temperature and fan speed control + temperature probe

TCND-R* White radio multi-discipline remote control: lighting, sunblind, temperature and fan speed control



TCND-RT-PM* White radio multi-discipline remote control with wall-mounted support for fixed TCND: lighting, sunblind, temperature and fan speed control + temperature probe

TCND-ENOCEAN White EnOcean multi-discipline remote control with wall-mounted support for Fixed TCND: lighting, sunblind, temperature and fan speed control + temperature sensor

TCIR-S Infrared remote control: sunblind control

**Also available in grey: TCND-I-G, TCND-IT-G-PM, TCND-R-G, TCND-RT-G-PM*

Push-button interfaces

Allows to directly connect push-buttons or switches to sunblind controllers



WMS-PB-8DI Push-buttons and switches interface, 8 configurable inputs

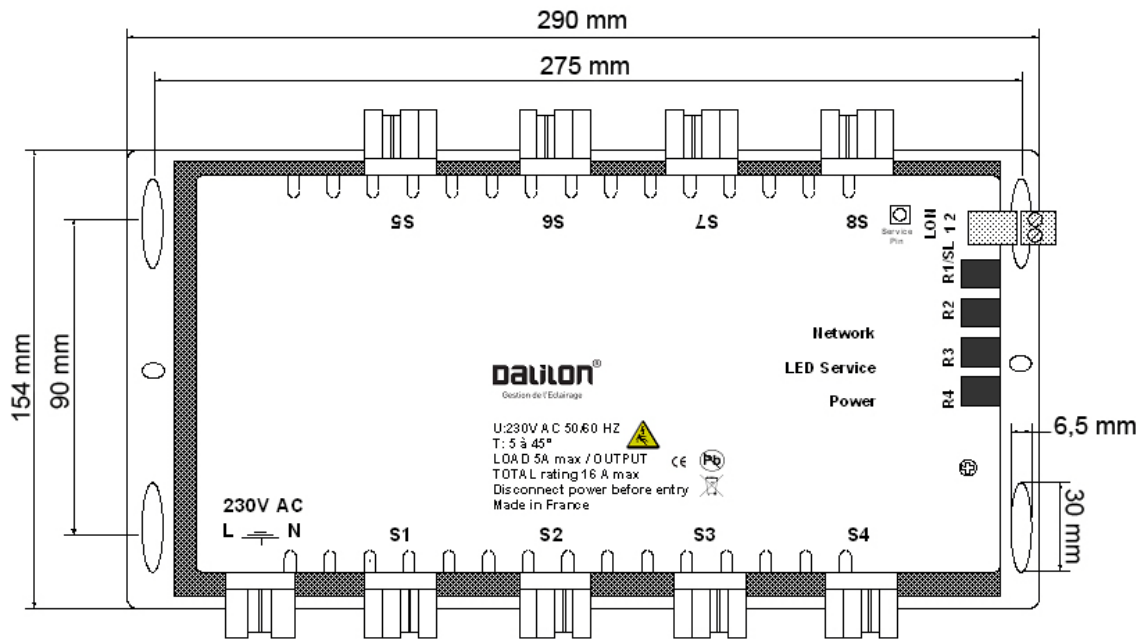
ITR Module

Allows the connection of 4 additional receivers, multi-sensors or push-button interfaces to sunblind controllers



ITR 230VAC network interface for additional RJ9 inputs (4 infrared or radio channels)

Product Specifications



Physical specifications

Material	Polycarbonate
Colors	Black plate and yellow cover
Mechanical protection	IP 20
Dimensions	290 x 154 x 50mm
Shipping box dimensions	300 x 200 x 55mm
Shipping weights	
CTR-8S230	1.2Kg
CTR-4S24 and CTR-8S24	1.6Kg

Network

LonWorks® network	FTT10a, 78kbps, twisted pair
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Environment

Operating temperature	+5°C to +45°C
Storage temperature	-20°C to +70°C
Relative humidity	+20% to +90% without condensing
Security	EN60669-2-1

Electrical specifications

Power supply	230VAC 50/60Hz Wieland GST 18i3, male, connector Fuse or circuit breaker 16A
Protection	

Tested at ambient temperature (20°C)

Connection

Inputs	4 digital RJ9 inputs
4S/8S230 outputs	On/Off, 230 VAC / 5 A
4S24 outputs	24VDC / 600mA per output
8S24 outputs	24VDC / 350mA per output
EMC	EN61000-6-x and EN61000-4-x
Status indicator	Power supply LED Outputs status LED Network activity LED

Specifications subject to change without notice.

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O5DI-DSCSTRST-11

230VAC or 24VDC
sunblind controller Series

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