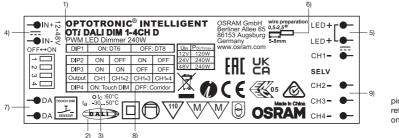
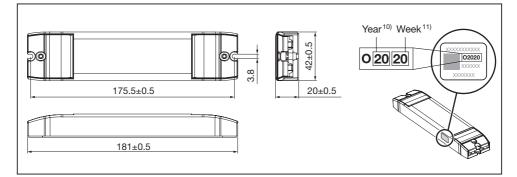
OPTOTRONIC[®] LED Power Supply

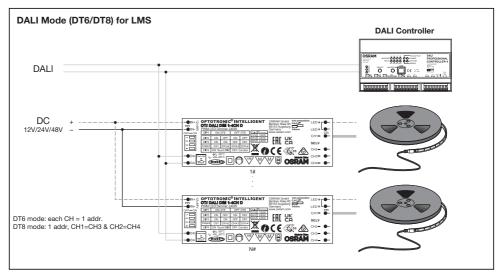
OTi DALI DIM 1-4CH D



picture only for reference, valid print on product

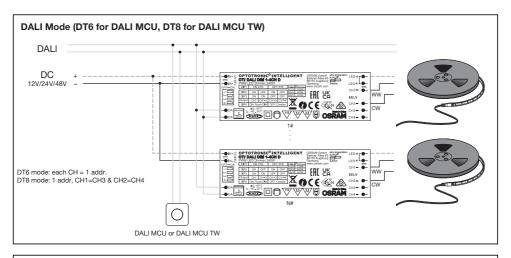
One pole of the output must not be touchable during PWM dimming if supplied by 48 V DC or alternatively a limitation of the input voltage to maximum 24V DC.





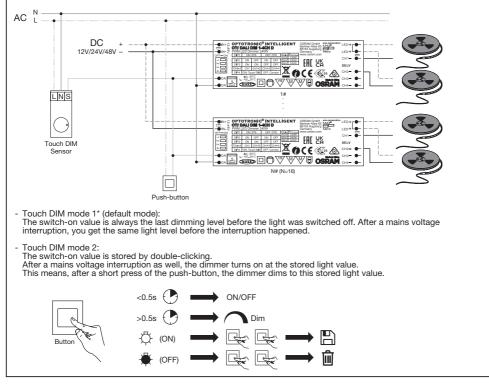


OPTOTRONIC® LED Power Supply

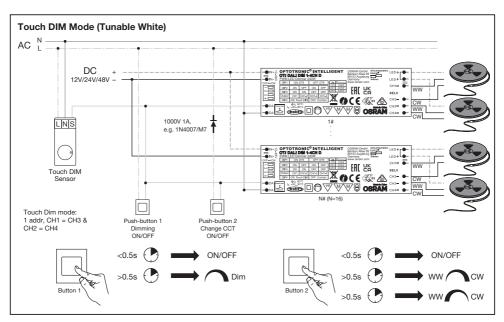


Touch DIM Mode

In addition to operation on DALI control units, OTI DALI DIM 1-4CH D offers the possibility of Touch DIM operation.

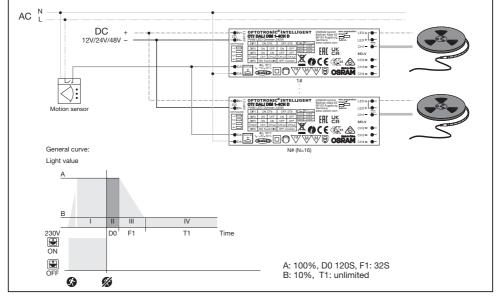


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Corridor Mode

It is possible to connect the OTI DALI DIM 1-4CH D directly to commercially available motion sensors. The Corridor Function is triggered by a switching signal, i.e. the voltage of the supply line (220–240 V, 50/60 Hz) is switched to the DALI control line inputs (DA, DA; see the diagram below). A preset "out-of-the-box" luminous flux program launches upon triggering. Three light value ranges and three-time ranges are available for this purpose.



1) Constant voltage LED dimmer; 2) DALI 2 certified; 3) tc point; 4) Main Input; 5) Output; 6) Wire preparation; 7) DALI Input; 8) Dip switch:

| type | D | Т6 | DT8 | | |
|-----------|--------|--------------------|----------|------------------|--|
| DIP1 | ON, | DT6 | OFF, DT8 | | |
| DIP2/DIP3 | ON/ON | CH1 | | CH1=CH3, CH2=CH4 | |
| | OFF/ON | CH1, CH2 | N.A | | |
| | ON/ON | CH1, CH2, CH3 | N.A | | |
| | OFF/ON | CH1, CH2, CH3, CH4 | | | |
| DIP4 | ON | Touch Dim | ON | Touch Dim | |
| | OFF | Corridor | OFF | Corridor | |

9) Max channel load:

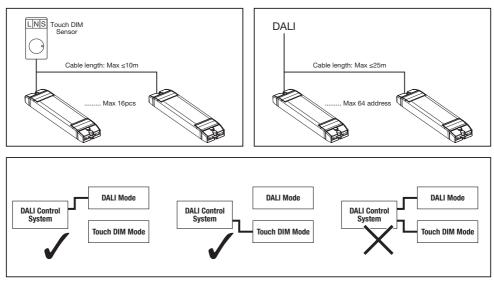
| Channels | DT6 | | DT8 | | | |
|----------|------|------|------|------|------|------|
| | 12V | 24V | 48V | 12V | 24V | 48V |
| CH1 | 120W | 240W | 240W | 60W | 120W | 120W |
| CH2 | 60W | 120W | 120W | 60W | 120W | 120W |
| CH3 | 60W | 120W | 120W | 60W | 120W | 120W |
| CH4 | 60W | 120W | 120W | 60W | 120W | 120W |
| All | 120W | 240W | 240W | 120W | 240W | 240W |

Min each CH load>20W

For max cable length, please refer to datasheet of the matching Constant Voltage driver in your system.

10) Year; 11) Week

The OTI DALI DIM 1-4CH D is connected between an OPTOTRONIC power supply and an LED-module. The permissible input voltage, mains frequency and temperature range of the dimmer must not be exceeded. Connect only 12V, 24V or 48V LED load and power supplies to the OTI DALI DIM 1-4CH D.



For user instructions in other languages please visit product webpage:

www.osram.com/optotronic



EN 61347-1 EN 61347-2-13 EN 55015 EN 61547 EN 62384

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2021-04-29

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