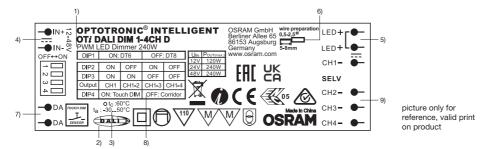
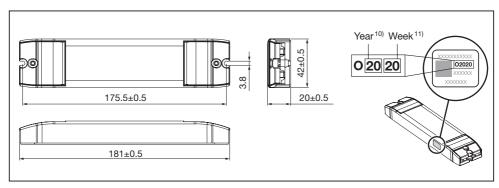
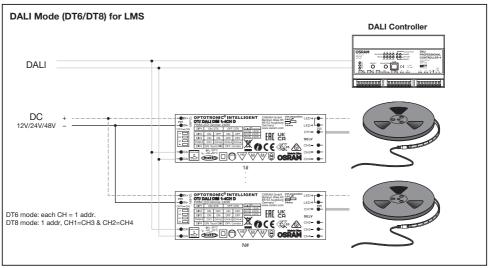
OPTOTRONIC® LED Power Supply

OTI DALI DIM 1-4CH D



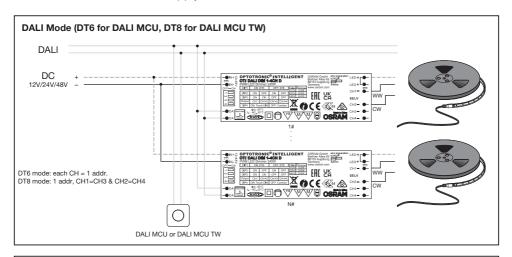
One pole of the output must not be touchable during PWM dimming if supplied by 48 V DC or alternatively a limitation of the input voltage to maximum 24V DC.





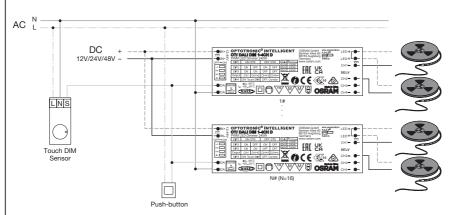
OSRAM

OPTOTRONIC® LED Power Supply



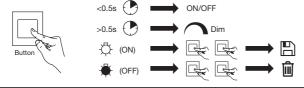
Touch DIM Mode

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

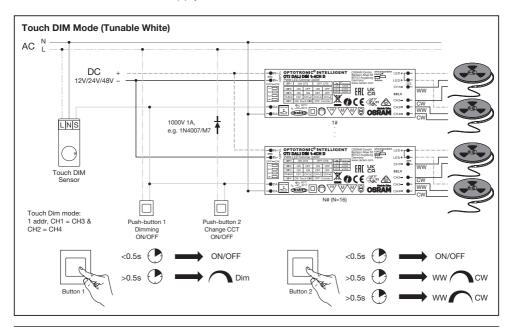


- Touch DIM mode 1* (default mode):
 The switch-on value is always the last dimming level before the light was switched off. After a mains voltage interruption, you get the same light level before the interruption happened.
- Touch DIM mode 2:
 The switch-on value is stored by double-clicking.
 After a mains voltage interruption as well, the dimmer turns on at the stored light value.

 This means, after a short press of the push-button, the dimmer dims to this stored light value.

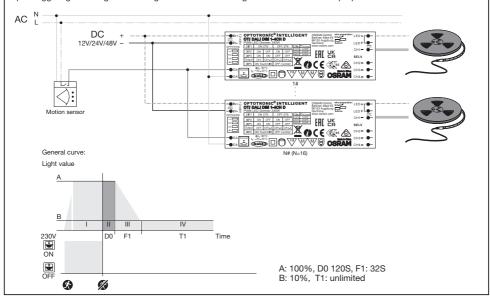


OPTOTRONIC® LED Power Supply



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.



OSRAM

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

type	D.	T6	DT8		
DIP1	ON,	DT6	OFF, DT8		
DIP2/DIP3	ON/ON	CH1		CH1=CH3=WW, CH2=CH4=CW	
	OFF/ON	CH1, CH2	N.A		
	ON/OFF	CH1, CH2, CH3	IN.A		
	OFF/OFF	CH1, CH2, CH3, CH4			
DIP4	ON	Touch Dim	ON	Touch Dim	
	OFF	Corridor	OFF	Corridor	

9) Max channel load:

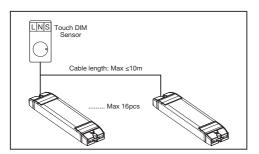
Channels	DT6			DT8		
	12V	24V	48V	12V	24V	48V
CH1	120W	240W	240W	60W	120W	120W
CH2	60W	120W	120W	60W	120W	120W
CH3	60W	120W	120W	60W	120W	120W
CH4	60W	120W	120W	60W	120W	120W
All	120W	240W	240W	120W	240W	240W

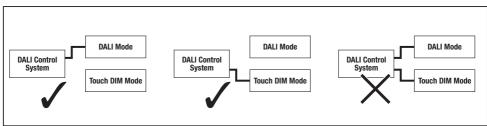
Min each CH load>20W

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

C10449059 G15115733 2022-08-15 OSRAM GmbH Berliner Allee 65 86153 Augsburg Germany www.osram.com