

LIGHTING  
MANAGEMENT  
SYSTEM



# IQCONTROLLER.300

## 3x DALI-2 bus controller

IQCONTROLLER.300 is a DALI-2 compliant universal controller for managing lighting infrastructure in buildings. It features three independent DALI buses, each with a 250mA power supply, allowing it to support up to 192 DALI LED sources and up to 192 DALI actuators. A built-in Ethernet port provides communication with other system devices.

technical parameters:

Supply voltage	9 ÷ 36 VDC
Power consumption max.	15 W at maximum load of three channels
Data protocol	DALI-2
Number of DALI channels	3
DALI channel parameters	15 VDC max. 250 mA per channel
Power supply terminals	screw terminals, cable up to 2.5 mm <sup>2</sup>
DALI connection terminals	screw terminals, cable from 0.5 to 2.5 mm <sup>2</sup>
Additional connectors	Ethernet 1 × RJ45 10/100 Mbps
Assembly	DIN rail TH35, 5M
Enclosure dimensions	90 x 87.8 x 62 [mm]
Enclosure material	self-extinguishing ABS + PC
Operating temperature	from 0° to +50°C
Storage temperature	from -20° to +50°C
Relative humidity	5 ÷ 90%, non-condensing
Weight	177 g
IP rating	IP20
Additional information	<ul style="list-style-type: none"> <li>• each of the three channels can be controlled independently using the +/- buttons</li> <li>• 3 DALI channel indicator LEDs; 1 diagnostic LED</li> <li>• galvanic isolation, 1.5 mm<sup>2</sup> DALI cable length max. 300 RMT</li> </ul>

Part Number

C-DCU3D-1E-DW

