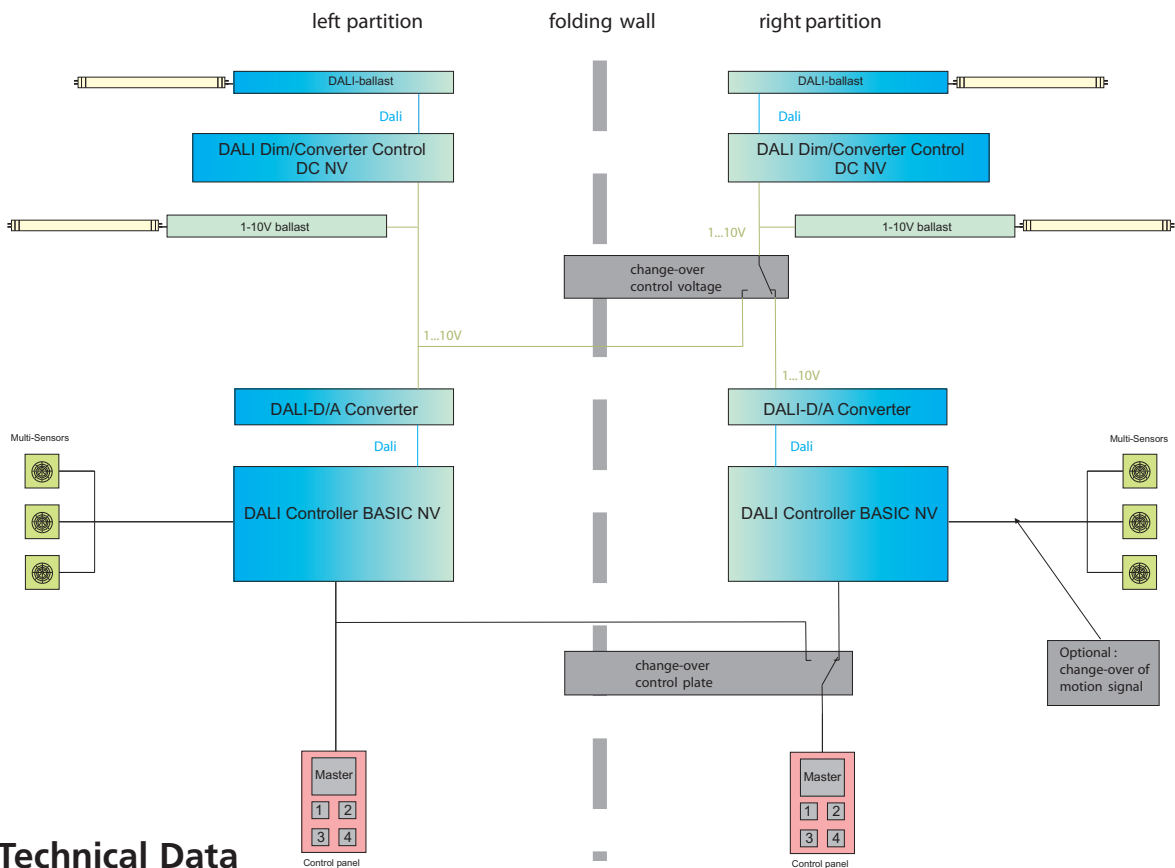


Schematic diagram for room partitions (assigner functions)



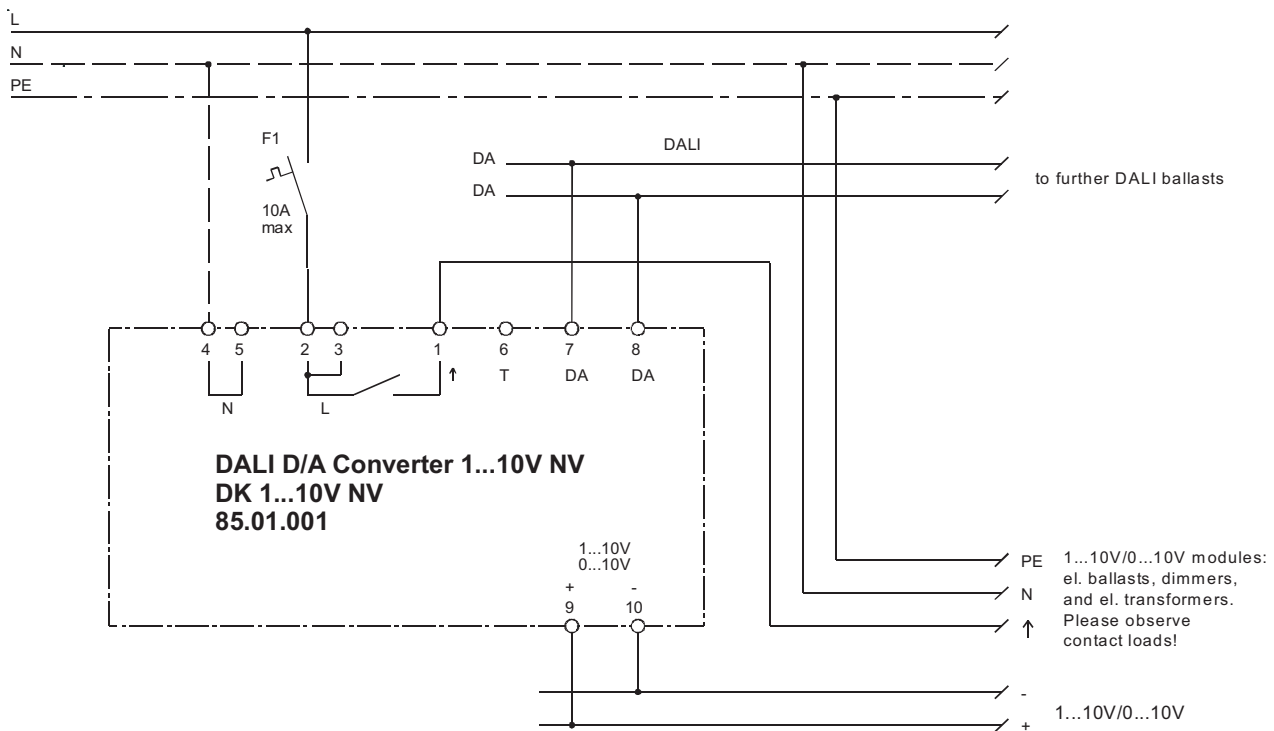
Technical Data

DALI D/A Converter (digital → analog 1-10V/0-10 V) interfaces

Characteristics	DALI Converter 1 ... 10V NV	DALI Converter 1 ... 10V
Type	DK1 ... 10V NV	KDK1 ... 10V
Order-No.:	85.01.001	85.02.000
Power supply		230V~50/60Hz
Load consumption protection		DC not permitted approx. 1W external max. 10A
Ambient temperature	45°C	50°C
Protective class	II (protective isolation)	I (protective earthing)
Protective type		IP 20
Contamination grade		2 (dry, non-conductive)
Load contact		Relay contact (norm.open contact) internally connected with L max. 250V~/10A- resistive load, max. 250V~/5A- ballast load. Switch contact for ballasts / dimmers (selector switch at the module) lin. 0 ... 10V for dimmer or log. for 1 ... 10V / 0 ... 10V interface 1 ... 10V / 0 ... 10V
Characteristic		
Control output		
Pushbutton inputs	- 1...10V max. 100mA DC (approx. 100 elec. ballasts or transformers, see manufacturers data) - 0...10V max. 5mA DC (approx. 5 Altenburger dimmers)	
DALI-interface	1 pushbutton input T (norm. open contact max. 250V~) pushbutton for 1-pushbutton function (Brighter-Darker-Stop-ON/OFF) Current consumption <2mA DC Interface according to DALI-specification	
Terminals	Screw terminals: 0,3 - 2,5mm ² solid wire or litz wire	Plug terminals: 0,3 - 1,5mm ² solid wire or 0,3 - 1,0mm ² litz wire
Housing	Isolated housing for DIN Rail system	Metal housing for the integration into light fixtures with screw fixation
Dimensions	WxHxD 72x90x64mm	WxHxD 189x30x29mm
Weight	approx. 220g	approx. 190g
Sensors and accessories, modules		
Operation		Phase controlled or phase-interval controlled dimmers, (multi-) sensors with 0 ... 10V interface, electronic ballasts or transformers with 1 ... 10V interface
Wiring		See print at the modules, wiring diagrams and manuals. Wiring fault: destruction possible!

Wiring diagram: DALI Converter digital → analog 1...10V/0...10V interface

DALI Control in combination with analog dimmers



Wiring diagram: DALI Converter digital → analog 1...10V/0...10V interface

1-pushbutton operation (brighter-darker-stop-ON/OFF) in combination with analog dimmers

