

# Datasheet

## Dali Bridge - UDB

Osa nr: UDB

UDB enables to control DALI lighting via Bisly intelligent building solution.

Parameter	MIN	TYP	MAX	Unit
Control bus				
Supply voltage input	16		28	Vdc
Power consumption (operating)		0,3	0,4	W
Power consumption (standby)			0,2	W
Control bus HW	RS485			
Control bus protocol	encrypted MODBUS			
Control bu datarate		38,4	256	kbps
Mains power input for DALI bus supply				
Input mains voltage	85		264	VAC
Mains frequency	45		65	Hz
Power consumption		2	4	VA
DALI bus				
supplied DALI bus current		130	140	mA
protocol	DALI-1 and DALI-2 compatible			
Connections				
Control bus connector	4 pin 5mm pluggable screw terminal			
Mains power input	2 pin 7.62mm pluggable screw terminal			
DALI bus connector	2 pin 5mm pluggable screw terminal			
MECHANICAL				
Case type	DIN Rail mount, 2 unit width			
Dimensions (W x H x D) without terminals	36 x 90 x 60			mm
Dimensions (W x H x D) with terminals	36 x 110 x 60			mm
Weight		80		g
Enclosure material	ABS, UL94 V-0			
Ingress protection	IP20			
ENVIRONMENTAL				
Storage temperature	-40		70	°C
Operating ambient temperature	-25		50	°C
Humidity	0...85% RH non-condensing			
Cooling	Natural convection			

Ingress protection	IP20
Vibration & shocks	tbd
SAFETY	
Governing standard	EN 63044-3, EN 62368-1
Isolation (IEC protection class)	Class II
Dielectric strength (DALI to RS485)	3000Vrms
Dielectric strength (Mains to RS485)	3000Vrms
Dielectric strength (Mains to DALI)	3000Vrms
EMC	
Interference	EN 63044-5-1
Immunity	EN 61000-6-1

Väljaandja:

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