

ABB i-bus® KNX

Lighting Control – DALI

■ = Function is supported
 – = Function is not supported

	Gateways			Light Control	
	DG/S 1.64.1.1	DG/S 2.64.1.1	DG/S 8.1	DLR/S 8.16.1M	DLR/A 4.8.1.1
General					
Supply voltage	100 – 240 V AC (85...265 V AC; 110...240 V DC)	100 – 240 V AC (85...265 V AC; 110...240 V DC)	100 – 240 V AC (85...265 V AC; 110...240 V DC)	100 – 240 V AC (85...265 V AC; 110...240 V DC)	100 – 240 V AC (85...265 V AC; 110...240 V DC)
Type of installation	MDRC	MDRC	MDRC	MDRC	SM
Module width (18 mm)	4	4	6	6	220 x 147 x 50 mm
Number of outputs	1	2	8	1	1
Light sensor inputs	–	–	–	8	4
Degree of protection	IP20	IP20	IP20	IP20	IP54
Integrated power supply	■	■	■	■	■
Number of DALI participants	64	2 x 64	8 x 16	64	64
Broadcast control	■	■	■	■	■
Number of group control	16	2 x 16	–	16	8
Individual control	64	2 x 64	–	–	–
Self-contained emergency lighting, IEC 62 386-202	■	■	–	–	–
Manual operation	■	■	■	■	■
Functions					
Enable/disable DALI address assignment	■	■	–	■	■
Switching, dimming, set brightness	■	■	■	■	■
Slave	■	■	■	■	■
Staircase lighting	■	■	■	■	■
Burn-in	■	■	■	■	■
Scenes	■	■	■	■	■
Forced	■	■	–	■	■
Sequence	–	–	–	–	–
Emergency lighting test	■	■	–	–	–
Partial failure	■	■	–	–	–
Constant light control	–	–	–	■	■
Reaction on KNX bus voltage failure	■	■	■	■	■
Reaction on KNX voltage recovery	■	■	■	■	■
Reaction on DALI bus voltage failure	■	■	■	■	■
Reaction on DALI voltage recovery	■	■	■	■	■
Power on level	■	■	–	■	■
Device or lamp fault	■	■	■	■	■
Cyclic monitoring telegram	■	■	■	■	■
DALI telegram rate modifiable	■	■	–	–	–
Commissioning and diagnostic functions (ABB i-bus® Tool)					
Device assignment	■	■	–	■	■
Group assignment	■	■	–	■	■
Fault DALI device	■	■	–	■	■
Fault lamp	■	■	–	■	■
Function test (ON/OFF/brightness value)	■	■	–	■	■
Commissioning constant light control	–	–	–	■	■
Test emergency lighting	■	■	–	–	–