

Notes

1. Control of DALI-SV-Module to the DALI driver is 100% done via DALI-commands according to IEC 62386-101/-102, so the DALI driver must sign with the DALI logo.
2. For calculation the inrush current of the monitoring module must be considered!
3. Not to be used in high risk areas, special release required
4. The light input level is locked in DC-operation. Factory setting is 15% of the maximum level. It is possible to change the behavior of the controlgear in DC-operation.
5. Only 1 DALI- Driver DT8 (1 address/2 channels) or DT6 (1 address/1 channel) to wire with one Dali-SV-Module only 1 address possible with one Dali-SV-Module.

Manufacturer: Inventronics GmbH Parking 31-33 85748 Garching - Germany	Product: OTi DALI 50 220-240 1A4 NFC LP EAN: 4062172224024	Inventronics GmbH
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Table 1

Values for load range	AC-operation				DC-Operation (For DALI Devices @ default DC Dim level e.g. 15%)			
	189VAC/50Hz I _{rms_in} (mA)	230VAC/50Hz I _{rms_in} (mA)	240VAC/50Hz I _{rms_in} (mA)	264VAC/50Hz I _{rms_in} (mA)	186VDC I _{dc_in} (mA)	216VDC I _{dc_in} (mA)	240VDC I _{dc_in} (mA)	260VDC I _{dc_in} (mA)
Min. Load /mA U _{out} = 15.20 V I _{out} = 608.05 mA	67.89	62.28	61.80	61.52	14.71	12.96	11.83	10.84
P= 9.24 W	PF: 0.90	PF: 0.82	PF: 0.79	PF: 0.74	PF: NA	PF: NA	PF: NA	PF: NA
Mid. Load /mA U _{out} = 34.94 V I _{out} = 1004.76 mA	211.93	174.10	167.24	153.60	37.07	32.25	28.77	26.77
P= 35.11 W	PF: 1.00	PF: 0.99	PF: 0.98	PF: 0.97	PF: NA	PF: NA	PF: NA	PF: NA
Max. Load /mA U _{out} = 39.75 V I _{out} = 1389.55 mA	335.43	271.41	259.67	236.01	56.09	48.56	43.36	40.05
P= 55.24 W	PF: 1.00	PF: 1.00	PF: 1.00	PF: 0.99	PF: NA	PF: NA	PF: NA	PF: NA
Short/Open Load	22.78	26.77	27.74	30.09	0.01	0.47	0.46	0.44
	PF: 0.01	PF: 0.03	PF: 0.02	PF: 0.02	PF: NA	PF: NA	PF: NA	PF: NA

Remarks:

- 1.) This table shows the currents consumption of the driver at three different operating points (P_{max}, P_{mid}, P_{min}) for AC and DC operation.
- 2.) This table is intended for rough design decisions . It is not a replacement for individual functional measurements!