

Manufacturer: Inventronics GmbH Parkring 31-33 85748 Garching	Product: OTi DALI 40/220...240/1A0 NFC S EAN: 4062172110105	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} = 20.29 V I _{out} = 501.36 mA P= 10.17 W	68.34	60.44	59.44	86.44	13.95	13.03	13.19	10.38
	PF: 0.95	PF: 0.89	PF: 0.87	PF: 0.53	PF: NA	PF: NA	PF: NA	PF: NA
Mid. Load /mA U _{out} = 29.37 V I _{out} = 778.56 mA P= 22.87 W	139.24	115.25	110.69	150.46	26.78	22.60	20.87	19.47
	PF: 0.99	PF: 0.98	PF: 0.98	PF: 0.66	PF: NA	PF: NA	PF: NA	PF: NA
Max. Load /mA U _{out} = 38.44 V I _{out} = 1056.54 mA P= 40.61 W	244.68	198.17	189.57	241.22	44.05	36.27	33.11	31.09
	PF: 1.00	PF: 1.00	PF: 1.00	PF: 0.72	PF: NA	PF: NA	PF: NA	PF: NA
Short/Open Load	17.05	19.42	20.00	21.42	0.02	0.03	0.07	0.05
	PF: 0.01	PF: 0.03	PF: 0.03	PF: 0.03	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!