

Constant current power supplies

DESCRIPTION

- Constant current converter 350mA/700mA for POW LED modules
- Constant current converter 12 V-DC for POW LED modules
- Controlled constant output current 350mA/700mA; ± 5%
- SELV
- Over temperature and short circuit protection
- overload and overvoltage protection
- Identification of polarity: +/-
- POW LED modules must be wired in series connection to the constant current power supplies; parallel connection at 12 V-DC
- Normen: Safety: EN 61347 Radio Interferences: EN 55015 Harmonics: EN 61000-3-2 Immunity: EN 61547

REFERENCES: Power supplies with DALI available on request



Article number	5.0635.00.01	5.0635.65.03	5.0635.65.10	5.0635.65.20	5.0635.00.21	5.0635.00.36 (3 channels)	5.0670.65.10	5.0670.65.20	5.0670.00.21	5.0670.00.30	5.0600.65.60	5.0600.65.15
	350 mA											
Primary voltage	V AC	95-240	95-240	220-240	220-240	90-254	95-240	95-240	220-240	100-264	90-295	90-295
Frequency	Hz	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60
Output Current	mA	350	350	350	350	350	700	700	700	700	0-5000	5500-11000
output power	W	1,4	1-4,2	3-12	5-17	5-17 (each channel)	3-10	35	30	60	150	150
secondary voltage	V DC	Max. 4,0	Max. 16,0	Max. 34,0	Max. 48,0	Max. 48,0	Max. 18,0	2-50,0	Max. 48,0	Max. 12,0	Max 12,0	Max 12,0
Ambient temperature ta	°C	Max. 50°	Max. 60°	Max. 40°	Max. 40°	Max. 45°	Max. 40°	Max. 40°	Max. 50°	Max 60°	Max 60°	Max 60°
Max. case temperature tc	°C	90°	80°	90°	90°	-	75°	75°	90°	90°	75°	75°
Dimensions	mm	35,5x32x25	52x30x23	115x34x19	123x38x21	254x180x54	115x34x19	103x67x24	133x40x31	195x62x39	223x68x39	223x68x39
Weight	kg	0,1	0,05	0,1	0,15	1,8	0,1	0,13	0,25	0,8	1,0	1,0
IP65 Protection housing on request		-	✓	✓	✓	-	✓	✓	-	✓	✓	✓
certification		CE	CE, CSV	CE	CE, CSV	CE	CE	CE	CE	CE	CE	CE
dimming		-	-	-	Taster/Push or 0...10Vdc	-	-	Taster/Push or 0...10Vdc	-	-	with dimming module 5.0690.03.15	with dimming module 5.0690.03.15
IP protection		IP65	IP65	IP65	IP20	IP65	IP65	IP20	IP65	IP65	IP65	IP65
connection matrix												
Modul 1 POW LED 350mA	1	1-3	3-6	5-12	1-12	18-36 (6-12 each channel)	-	-	-	-	-	-
Modul 3 POW LED 350mA	-	1	1-2	2-4	1-4	6-12 (2-4 each channel)	-	-	-	-	-	-
Modul 12 POW LED 350mA	-	-	-	1	1	1-3	-	-	-	-	-	-
Modul 36 POW LED 350mA	-	-	-	-	-	1	-	-	-	-	-	-
Modul 1 POW LED 700mA	-	-	-	-	-	-	1-3	1-9	4-12	-	-	-
Modul 3 POW LED 700mA	-	-	-	-	-	-	1	1-3	2-4	-	-	-
Modul 12 POW LED 12 V-DC	-	-	-	-	-	-	-	-	-	-	1-3	1-9
Modul 36 POW LED 12 V-DC	-	-	-	-	-	-	-	-	-	-	1	1-3

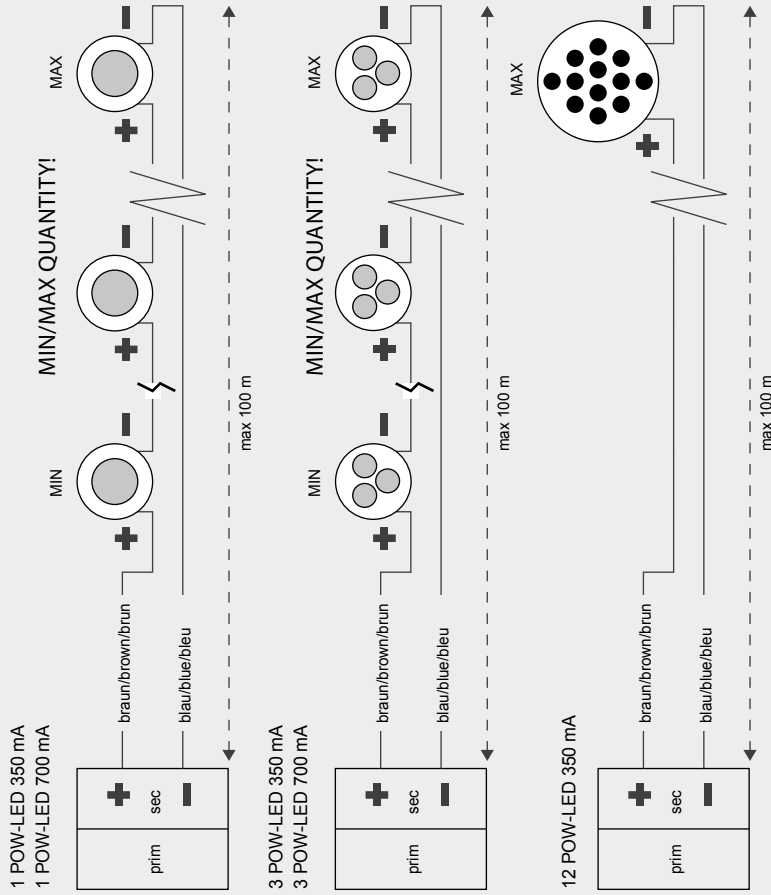
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Wiring diagram-example for

- 5.0635.00.01
- 5.0635.65.03
- 5.0635.65.10
- 5.0635.65.20
- 5.0635.00.21

REMARKS

Attention: Serial connection with POW-LED modules!

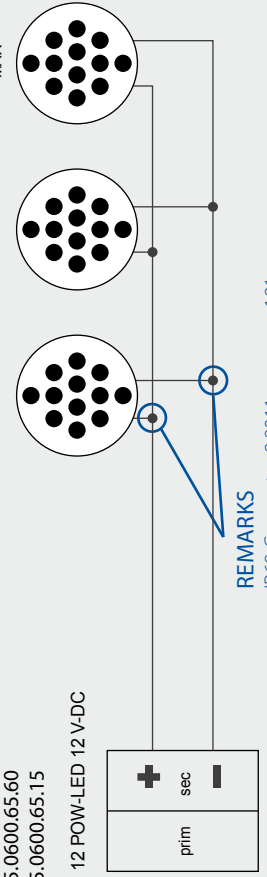


Wiring diagram-example for

- 5.0600.65.60
- 5.0600.65.15

REMARKS

Attention: Parallel connection with POW-LED modules!



REMARKS

IP68 Connector 9.9011, see page 191

Wiring diagram-example for

- 5.0635.00.36

REMARKS

Attention: Serial connection with POW-LED modules!

