CV Power supplies with DALI



Product family features

- Dimmable via Touch DIM
- Available as single-channel or multi-channel with DT6 and DT8 in one device
- Dimming range: 0.1...100 % (for 50-80-160W) or 1...100 % (for 30W)
- Line frequency: 0 Hz | 50 Hz | 60 Hz

Product family benefits

- Intelligent power matching thanks to Smart power supply
- Form factor for mounting on the cove or in luminaires
- No stroboscopic effect thanks to patented high PWM frequency management (> 2 kHz)
- Suitable for installation in emergency lighting systems according to EN 60598-2-22
- DALI message detection "LED Module failure"
- IP rating: IP20

Areas of application

- Cove lighting, wall washer, corridor, handrail, luminous ceilings
- Suitable for use in luminaires of protection class I and II

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Technical data

	Electrical data					
Product description	**Nominal input voltage**	**Mains frequency**	**Input voltage AC**	**Total harmonic distortion**	**Power factor λ**	**Efficiency in full-load**
OTi DALI 30/220-240/24 1CH	220…240 V	50/60 HZ Hz	198…264 V	< 10 %	0.32…0.95	> 88 % [1]
OTi DALI 50/220-240/24 1CH G3	220…240 V	50/60 Hz	198…264 V	< 5 %	0.82C…0.99	92 % [1]
OTi DALI 80/220-240/24 1CH G3	220…240 V	50/60 Hz	198…264 V	< 5 %	0.89C…0.99	93% [1]
OTi DALI 160/220-240/24 1CH G3	220…240 V	50/60 Hz	198…264 V	< 5 %	0.92C…0.99	93% [1]
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	220…240 V	50/60 Hz	198…264 V	< 5 %	0.82C…0.99	92 % [1]
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	220…240 V	50/60 Hz	198…264 V	< 5 %	0.89C…0.99	93% [1]
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	220…240 V	50/60 Hz	198…264 V	< 5 %	0.92C…0.99	93% [1]
OTi DALI 50/220-240/24 1CH	220…240 V	50/60 Hz	198…264 V	< 5 %	0.82C…0.99	92 % [1]
OTi DALI 80/220-240/24 1CH	220…240 V	50/60 Hz	198…264 V	< 5 %	0.89C…0.99	93 % [1]
OTi DALI 160/220-240/24 1CH	220…240 V	50/60 Hz	198…264 V	< 5 %	0.92C…0.99	93 % [1]
OTi DALI 50/220-240/24 4CHDT6/8	220…240 V	50/60 Hz	198…264 V	< 5 %	0.82C…0.99	92 % [1]
OTi DALI 80/220-240/24 4CHDT6/8	220…240 V	50/60 Hz	198…264 V	< 5 %	0.89C…0.99	93 % [1]
OTi DALI 160/220-240/24 2CHDT6/8	220…240 V	50/60 Hz	198…264 V	< 5 %	0.92C…0.99	93 % [1]

Product description	**Device power loss**	**Networked standby power**	**Inrush current**	**Max. ECG no. on circuit breaker 10 A (B)**	**Max. ECG no. on circuit breaker 10 A (C)**
OTi DALI 30/220-240/24 1CH	4.5 W	<0.50 W [1]	40 A	20	32
OTi DALI 50/220-240/24 1CH G3	4.0 W		41 A	13	22
OTi DALI 80/220-240/24 1CH G3	6.0 W		46 A	9	15
OTi DALI 160/220-240/24 1CH G3	11 W		57 A	4	8
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	4.0 W		41 A	13	22
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	6.0 W		46 A	9	15
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	11 W		57 A	4	8
OTi DALI 50/220-240/24 1CH	4.4 W	<0.50 W [1]	41 A	13	22
OTi DALI 80/220-240/24 1CH	6.0 W	<0.50 W [1]	46 A	9	15
OTi DALI 160/220-240/24 1CH	11.0 W	<0.50 W [1]	57 A	4	8
OTi DALI 50/220-240/24 4CHDT6/8	4.4 W	<0.50 W [1]	41 A	13	22
OTi DALI 80/220-240/24 4CHDT6/8	6.0 W	<0.50 W [1]	46 A	9	15
OTi DALI 160/220-240/24 2CHDT6/8	11.0 W	<0.50 W [1]	57 A	4	8

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Product description	Max. ECG no. on circuit breaker 16 A (C)	Max. ECG no. on circuit breaker 16 A (B)	Max. ECG no. on circuit breaker 25 A (B)	Surge capability (L/N-Ground)	Surge capability (L-N)
OTi DALI 30/220-240/24 1CH	52	31	81	2 kV	1 kV
OTi DALI 50/220-240/24 1CH G3	36	21	33	2 kV	1 kV
OTi DALI 80/220-240/24 1CH G3	25	15	23	2 kV	1 kV
OTi DALI 160/220-240/24 1CH G3	13	7	12	2 kV	1 kV
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	36	21	33	2 kV	1 kV
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	25	15	23	2 kV	1 kV
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	13	7	12	2 kV	1 kV
OTi DALI 50/220-240/24 1CH	36	21	33		1 kV
OTi DALI 80/220-240/24 1CH	25	15	23		1 kV
OTi DALI 160/220-240/24 1CH	13	7	12		1 kV
OTi DALI 50/220-240/24 4CHDT6/8	36	21	33		1 kV
OTi DALI 80/220-240/24 4CHDT6/8	25	15	23		1 kV
OTi DALI 160/220-240/24 2CHDT6/8	13	7	12		1 kV

Product description	Nominal output voltage	U-OUT (working voltage)	Nominal output power	Maximum output power	Galvanic isolation
OTi DALI 30/220-240/24 1CH	24.2 V [2)]	24.2 V	30 W	30 W [3)]	SELV
OTi DALI 50/220-240/24 1CH G3	24 V [2)]	24.2 V	50 W	50 W [3)]	SELV
OTi DALI 80/220-240/24 1CH G3	24 V [2)]	24.2 V	80 W	80 W [3)]	SELV
OTi DALI 160/220-240/24 1CH G3	24 V [2)]	24.2 V	160 W	160 W [3)]	SELV
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	24 V [2)]	24.2 V	50 W	50 W [3)]	SELV
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	24 V [2)]	24.2 V	80 W	80 W [3)]	SELV
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	24 V [2)]	24.2 V	160 W	160 W [3)]	SELV
OTi DALI 50/220-240/24 1CH	24 V [2)]	24.2 V	50 W	50 W [3)]	SELV
OTi DALI 80/220-240/24 1CH	24 V [2)]	24.2 V	80 W	80 W [3)]	SELV
OTi DALI 160/220-240/24 1CH	24 V [2)]	24.2 V	160 W	160 W [3)]	SELV
OTi DALI 50/220-240/24 4CHDT6/8	24 V [2)]	24.2 V	50 W	50 W [3)]	SELV
OTi DALI 80/220-240/24 4CHDT6/8	24 V [2)]	24.2 V	80 W	80 W [3)]	SELV
OTi DALI 160/220-240/24 2CHDT6/8	24 V [2)]	24.2 V	160 W	160 W [3)]	SELV

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					Dimensions & weight
Product description	**Output PWM frequency**	**Input voltage DC**	**Output ripple Voltage (100 Hz)**	**Galvanic isolation primary/secondary**	**Mounting hole spacing, length**
OTi DALI 30/220-240/24 1CH	> 3000 Hz	176...276 V	< 1 %		94.0 mm
OTi DALI 50/220-240/24 1CH G3	> 2000 Hz	176...276 V	< 1 %	3.75 kV	300.6 mm
OTi DALI 80/220-240/24 1CH G3	> 2000 Hz	176...276 V	< 1 %	3.75 kV	300.6 mm
OTi DALI 160/220-240/24 1CH G3	> 2000 Hz	176...276 V	< 1 %	3.75 kV	258.0 mm
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	> 2000 Hz	176...276 V	< 1 %	3.75 kV	300.6 mm
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	> 2000 Hz	176...276 V	< 1 %	3.75 kV	300.6 mm
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	> 2000 Hz	176...276 V	< 1 %	3.75 kV	258.0 mm
OTi DALI 50/220-240/24 1CH	> 2000 Hz	176...276 V	< 1 %	3.75 kV	300.6 mm
OTi DALI 80/220-240/24 1CH	> 2000 Hz	176...276 V	< 1 %	3.75 kV	300.6 mm
OTi DALI 160/220-240/24 1CH	> 2000 Hz	176...276 V	< 1 %	3.75 kV	258.0 mm
OTi DALI 50/220-240/24 4CHDT6/8	> 2000 Hz	176...276 V	< 1 %	3.75 kV	300.6 mm
OTi DALI 80/220-240/24 4CHDT6/8	> 2000 Hz	176...276 V	< 1 %	3.75 kV	300.6 mm
OTi DALI 160/220-240/24 2CHDT6/8	> 2000 Hz	176...276 V	< 1 %	3.75 kV	258.0 mm

Product description	**Product weight**	**Cable cross-section, input side**	**Cable cross-section, output side**	**Wire preparation length, input side**	**Wire preparation length, output side**
OTi DALI 30/220-240/24 1CH	155.00 g	0.5...1.5 mm^2	0.5...1.5 mm^2	7.0 mm	7.0 mm
OTi DALI 50/220-240/24 1CH G3	191.00 g	0.5...2.5 mm^2	0.2...1.5 mm^2	6.0 mm	5.0 mm
OTi DALI 80/220-240/24 1CH G3	191.00 g	0.5...2.5 mm^2	0.2...1.5 mm^2	6.0 mm	5.0 mm
OTi DALI 160/220-240/24 1CH G3	380.00 g	0.5...2.5 mm^2	0.5...2.5 mm^2	6.0 mm	6.0 mm
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	191.00 g	0.5...2.5 mm^2	0.2...1.5 mm^2	6.0 mm	5.0 mm
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	191.00 g	0.5...2.5 mm^2	0.2...1.5 mm^2	6.0 mm	5.0 mm
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	380.00 g	0.5...2.5 mm^2	0.5...2.5 mm^2	6.0 mm	6.0 mm
OTi DALI 50/220-240/24 1CH	191.00 g	0.5...2.5 mm^2	0.2...1.5 mm^2	6.0 mm	5.0 mm

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Product description	Product weight	Cable cross-section, input side	Cable cross-section, output side	Wire preparation length, input side	Wire preparation length, output side
OTi DALI 80/220-240/24 1CH	191.00 g	0.5…2.5 mm²	0.2…1.5 mm²	6.0 mm	5.0 mm
OTi DALI 160/220-240/24 1CH	380.00 g	0.5…2.5 mm²	0.5…2.5 mm²	6.0 mm	6.0 mm
OTi DALI 50/220-240/24 4CHDT6/8	191.00 g	0.5…2.5 mm²	0.2…1.5 mm²	6.0 mm	5.0 mm
OTi DALI 80/220-240/24 4CHDT6/8	191.00 g	0.5…2.5 mm²	0.2…1.5 mm²	6.0 mm	5.0 mm
OTi DALI 160/220-240/24 2CHDT6/8	380.00 g	0.5…2.5 mm²	0.5…2.5 mm²	6.0 mm	6.0 mm

					Colors & materials	Temperatures & operating conditions
Product description	Mounting hole spacing, width	Length	Width	Height	Casing material	Ambient temperature range
OTi DALI 30/220-240/24 1CH	58.0 mm	103.0 mm	67.0 mm	29.5 mm	Plastic	-20…+45 °C
OTi DALI 50/220-240/24 1CH G3		346.0 mm	32.0 mm	22.0 mm	Plastic	-20…+45 °C
OTi DALI 80/220-240/24 1CH G3		346.0 mm	32.0 mm	22.0 mm	Plastic	-20…+45 °C
OTi DALI 160/220-240/24 1CH G3		300.0 mm	50.0 mm	35.0 mm	Plastic	-20…+45 °C
OTi DALI 50/220-240/ 24 4CH DT6/8 G3		346.0 mm	32.0 mm	22.0 mm	Plastic	-20…+45 °C
OTi DALI 80/220-240/ 24 4CH DT6/8 G3		346.0 mm	32.0 mm	22.0 mm	Plastic	-20…+45 °C
OTi DALI 160/220-240/ 24 2CH DT6/8 G3		300.0 mm	50.0 mm	35.0 mm	Plastic	-20…+45 °C
OTi DALI 50/220-240/24 1CH		346.0 mm	32.0 mm	22.0 mm	Plastic	-20…+45 °C
OTi DALI 80/220-240/24 1CH		346.0 mm	32.0 mm	22.0 mm	Plastic	-20…+45 °C
OTi DALI 160/220-240/24 1CH		300.0 mm	50.0 mm	35.0 mm	Plastic	-20…+45 °C
OTi DALI 50/220-240/24 4CHDT6/8		346.0 mm	32.0 mm	22.0 mm	Plastic	-20…+45 °C
OTi DALI 80/220-240/24 4CHDT6/8		346.0 mm	32.0 mm	22.0 mm	Plastic	-20…+45 °C
OTi DALI 160/220-240/24 2CHDT6/8		300.0 mm	50.0 mm	35.0 mm	Plastic	-20…+45 °C

					Lifespan
Product description	Maximum temperature at tc test point	Max.housing temperature in case of fault	Temperature range at storage	Permitted rel. humidity during operation	ECG lifetime
OTi DALI 30/220-240/24 1CH	80 °C	110 °C	-40…+85 °C	5…85 % [4)]	50000 h
OTi DALI 50/220-240/24 1CH G3	75 °C	110 °C	-40…+85 °C	5…85 % [4)]	50000 h
OTi DALI 80/220-240/24 1CH G3	75 °C	110 °C	-40…+85 °C	5…85 % [4)]	50000 h
OTi DALI 160/220-240/24 1CH G3	75 °C	110 °C	-40…+85 °C	5…85 % [4)]	50000 h
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	75 °C	110 °C	-40…+85 °C	5…85 % [4)]	50000 h
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	75 °C	110 °C	-40…+85 °C	5…85 % [4)]	50000 h

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					Lifespan
Product description	**Maximum temperature at tc test point**	**Max.housing temperature in case of fault**	**Temperature range at storage**	**Permitted rel. humidity during operation**	**ECG lifetime**
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	75 °C	110 °C	-40...+85 °C	5...85 % [4)]	50000 h
OTi DALI 50/220-240/24 1CH	70 °C	115 °C	-40...+85 °C	5...85 % [4)]	50000 h
OTi DALI 80/220-240/24 1CH	85 °C	115 °C	-40...+85 °C	5...85 % [4)]	50000 h
OTi DALI 160/220-240/24 1CH	90 °C	115 °C	-40...+85 °C	5...85 % [4)]	50000 h
OTi DALI 50/220-240/24 4CHDT6/8	70 °C	115 °C	-40...+85 °C	5...85 % [4)]	50000 h
OTi DALI 80/220-240/24 4CHDT6/8	85 °C	115 °C	-40...+85 °C	5...85 % [4)]	50000 h
OTi DALI 160/220-240/24 2CHDT6/8	90 °C	115 °C	-40...+85 °C	5...85 % [4)]	50000 h

	Capabilities			
Product description	**Dimmable**	**Dimming interface**	**Dimming range**	**Dimming method**
OTi DALI 30/220-240/24 1CH	Yes	DALI	1...100 %	Pulse Width Modulation
OTi DALI 50/220-240/24 1CH G3	Yes	DALI-2 / Corridor / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 80/220-240/24 1CH G3	Yes	DALI-2 / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 160/220-240/24 1CH G3	Yes	DALI-2 / Corridor / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	Yes	DALI-2 / Corridor / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	Yes	DALI-2 / Corridor / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	Yes	DALI-2 / Corridor / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 50/220-240/24 1CH	Yes	DALI-2 / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 80/220-240/24 1CH	Yes	DALI-2 / Corridor / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 160/220-240/24 1CH	Yes	DALI-2 / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 50/220-240/24 4CHDT6/8	Yes	DALI-2 / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 80/220-240/24 4CHDT6/8	Yes	DALI-2 / Touch DIM	0.1...100 %	Pulse Width Modulation
OTi DALI 160/220-240/24 2CHDT6/8	Yes	DALI-2 / Touch DIM	0.1...100 %	Pulse Width Modulation

Product description	**Overheating protection**	**Overload protection**	**Short-circuit protection**	**No-load proof**
OTi DALI 30/220-240/24 1CH	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 50/220-240/24 1CH G3	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 80/220-240/24 1CH G3	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 160/220-240/24 1CH G3	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	Automatic reversible	Automatic reversible	Automatic reversible	Yes

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Product description	Overheating protection	Overload protection	Short-circuit protection	No-load proof
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 50/220-240/24 1CH	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 80/220-240/24 1CH	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 160/220-240/24 1CH	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 50/220-240/24 4CHDT6/8	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 80/220-240/24 4CHDT6/8	Automatic reversible	Automatic reversible	Automatic reversible	Yes
OTi DALI 160/220-240/24 2CHDT6/8	Automatic reversible	Automatic reversible	Automatic reversible	Yes

Product description	Intended for no-load operation	Suitable for fixtures with prot. class	Type of connection, input side
OTi DALI 30/220-240/24 1CH	No	I / II	Plug-in connection
OTi DALI 50/220-240/24 1CH G3	No	I / II	Screw terminal
OTi DALI 80/220-240/24 1CH G3	No	I / II	Screw terminal
OTi DALI 160/220-240/24 1CH G3	No	I / II	Screw terminal
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	No	I / II	Screw terminal
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	No	I / II	Screw terminal
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	No	I / II	Screw terminal
OTi DALI 50/220-240/24 1CH	No	I / II	Screw terminal
OTi DALI 80/220-240/24 1CH	No	I / II	Screw terminal
OTi DALI 160/220-240/24 1CH	No	I / II	Screw terminal
OTi DALI 50/220-240/24 4CHDT6/8	No	I / II	Screw terminal
OTi DALI 80/220-240/24 4CHDT6/8	No	I / II	Screw terminal
OTi DALI 160/220-240/24 2CHDT6/8	No	I / II	Screw terminal

				Programming
Product description	Type of connection, output side	Control interface	Number of channels	Tuner4TRONIC
OTi DALI 30/220-240/24 1CH	Plug-in connection	DALI-2	1	Yes
OTi DALI 50/220-240/24 1CH G3	Screw terminal	DALI-2	1	Yes
OTi DALI 80/220-240/24 1CH G3	Screw terminal	DALI-2	1	Yes
OTi DALI 160/220-240/24 1CH G3	Screw terminal	DALI-2	1	Yes
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	Screw terminal	DALI-2	1	Yes

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				Programming
Product description	**Type of connection, output side**	**Control interface**	**Number of channels**	**Tuner4TRONIC**
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	Screw terminal	DALI-2	1	Yes
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	Screw terminal	DALI-2	1	Yes
OTi DALI 50/220-240/24 1CH	Screw terminal	DALI-2	1	Yes
OTi DALI 80/220-240/24 1CH	Screw terminal	DALI-2	1	Yes
OTi DALI 160/220-240/24 1CH	Screw terminal	DALI-2	1	Yes
OTi DALI 50/220-240/24 4CHDT6/8	Screw terminal	DALI-2	4	Yes
OTi DALI 80/220-240/24 4CHDT6/8	Screw terminal	DALI-2	4	Yes
OTi DALI 160/220-240/24 2CHDT6/8	Screw terminal	DALI-2	2	Yes

	Certificates & standards			
Product description	**Approval marks – approval**	**Standards**	**Protection class**	**Type of protection**
OTi DALI 30/220-240/24 1CH	CE / CCC / BIS / ENEC / EL / ENEC 25 / RCM / UKCA	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384/Acc. to EN 60598-2-22/Acc. to EN 62386/Acc. to EN 55015	II	IP20
OTi DALI 50/220-240/24 1CH G3	BIS / CCC / EAC / EL / ENEC 10 / RCM / VDE / VDE-EMC	Acc. to EN 55015/Acc. to EN 60598-2-22/Acc. to EN 61000-3-2/Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 62384/Acc. to EN 62386	II	IP20
OTi DALI 80/220-240/24 1CH G3	BIS / CCC / EAC / EL / ENEC 10 / RCM / VDE / VDE-EMC	Acc. to EN 55015/Acc. to EN 60598-2-22/Acc. to EN 61000-3-2/Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 62384/Acc. to EN 62386	II	IP20
OTi DALI 160/220-240/24 1CH G3	BIS / CCC / EAC / EL / ENEC 10 / RCM / VDE / VDE-EMC	Acc. to EN 55015/Acc. to EN 60598-2-22/Acc. to EN 61000-3-2/Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 62384/Acc. to EN 62386	II	IP20

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	Certificates & standards			
Product description	**Approval marks – approval**	**Standards**	**Protection class**	**Type of protection**
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	BIS / CCC / EAC / EL / ENEC 10 / RCM / VDE / VDE-EMC	Acc. to EN 55015/Acc. to EN 60598-2-22/Acc. to EN 61000-3-2/Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 62384/Acc. to EN 62386	II	IP20
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	BIS / CCC / EAC / EL / ENEC 10 / RCM / VDE / VDE-EMC	Acc. to EN 55015/Acc. to EN 60598-2-22/Acc. to EN 61000-3-2/Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 62384/Acc. to EN 62386	II	IP20
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	BIS / CCC / EAC / EL / ENEC 10 / RCM / VDE / VDE-EMC	Acc. to EN 55015/Acc. to EN 60598-2-22/Acc. to EN 61000-3-2/Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 62384/Acc. to EN 62386	II	IP20
OTi DALI 50/220-240/24 1CH	BIS / CCC / CE / EAC / EL / ENEC 10 / RCM / VDE / VDE-ENEC	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384/Acc. to EN 60598-2-22/Acc. to EN 62386/Acc. to EN 55015	II	
OTi DALI 80/220-240/24 1CH	BIS / CCC / CE / EAC / EL / ENEC 10 / RCM / VDE / VDE-ENEC	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384/Acc. to EN 60598-2-22/Acc. to EN 62386/Acc. to EN 55015	II	
OTi DALI 160/220-240/24 1CH	BIS / CCC / CE / EAC / EL / ENEC 10 / RCM / VDE / VDE-ENEC	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384/Acc. to EN 60598-2-22/Acc. to EN 62386/Acc. to EN 55015	II	

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	Certificates & standards			
Product description	**Approval marks – approval**	**Standards**	**Protection class**	**Type of protection**
OTi DALI 50/220-240/24 4CHDT6/8	BIS / CCC / CE / EAC / EL / ENEC 10 / RCM / VDE / VDE-ENEC	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384/Acc. to EN 60598-2-22/Acc. to EN 62386/Acc. to EN 55015	II	IP20
OTi DALI 80/220-240/24 4CHDT6/8	BIS / CCC / CE / EAC / EL / ENEC 10 / RCM / VDE / VDE-ENEC	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384/Acc. to EN 60598-2-22/Acc. to EN 62386/Acc. to EN 55015	II	IP20
OTi DALI 160/220-240/24 2CHDT6/8	BIS / CCC / CE / EAC / EL / ENEC 10 / RCM / VDE / VDE-ENEC	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384/Acc. to EN 60598-2-22/Acc. to EN 62386/Acc. to EN 55015	II	

	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	**Commodity code**	**Date of Declaration**	**Primary Article Identifier**	**Candidate List Substance 1**
OTi DALI 30/220-240/24 1CH	85044083900	13-11-2023	4062172329767	Lead
OTi DALI 50/220-240/24 1CH G3	85044083900	23-06-2023	4062172274340	Lead
OTi DALI 80/220-240/24 1CH G3	85044083900	11-09-2023	4062172274364	Lead
OTi DALI 160/220-240/24 1CH G3	85044083900	26-05-2023	4062172274388	Lead
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	85044083900	23-06-2023	4062172274289	Lead
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	85044083900	02-06-2023	4062172274302	Lead
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	85044083900	23-06-2023	4062172274326	Lead
OTi DALI 50/220-240/24 1CH	85044083900	11-09-2023	4062172177962	Lead
OTi DALI 80/220-240/24 1CH	85044083900	12-05-2023	4062172177986	Lead
OTi DALI 160/220-240/24 1CH	85044083900	11-09-2023	4062172178006	Lead
OTi DALI 50/220-240/24 4CHDT6/8	85044083900	11-09-2023	4062172177900	Lead
OTi DALI 80/220-240/24 4CHDT6/8	85044083900	11-09-2023	4062172177924	Lead
OTi DALI 160/220-240/24 2CHDT6/8	85044083900	11-09-2023	4062172177948	Lead

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Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
OTi DALI 30/220-240/24 1CH	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	6081f2ec-c71a-4075-bea5-802e4f4c69cf
OTi DALI 50/220-240/24 1CH G3	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	ad1b9094-7cf0-4a39-bcde-9fd3d91d8796
OTi DALI 80/220-240/24 1CH G3	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	a576e69c-ca7b-4b99-9ba4-b2723df4b1f4
OTi DALI 160/220-240/24 1CH G3	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	e9e4b3cc-b611-44ae-8577-da86d828e795
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	df4f6760-4b6c-4a12-9040-f034a8c916b9
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	8b26d171-acf3-4c74-a82f-e533e4420af9
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	67fd6178-7f13-4bfb-b80f-8f7a1fbcd47d
OTi DALI 50/220-240/24 1CH	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	81daf030-1143-4c24-ad49-3416b3025617
OTi DALI 80/220-240/24 1CH	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	f42f78e3-5b89-463d-aa04-91d98d196b08

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Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
OTi DALI 160/220-240/24 1CH	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	6afb217f-3a10-4e87-b7d5-52aa517abbac
OTi DALI 50/220-240/24 4CHDT6/8	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	3e365200-98a5-41ef-802b-d504aa137951
OTi DALI 80/220-240/24 4CHDT6/8	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	306178cd-0651-46ba-a40e-ff061546e88f
OTi DALI 160/220-240/24 2CHDT6/8	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	dbc474be-7be0-41c5-8325-16ea93d79ab7

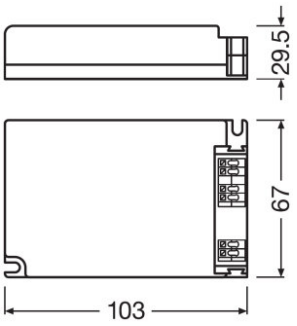
[1] at 230 V, 50 Hz

[2] DC voltage

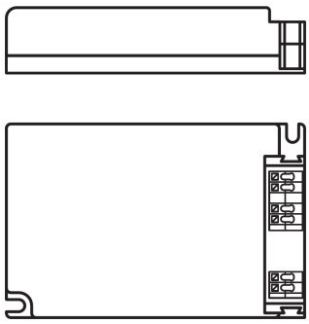
[3] at steady state

[4] Maximum 56 days/year at 85 %

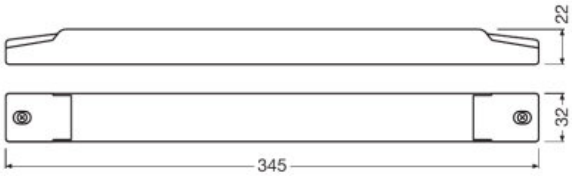
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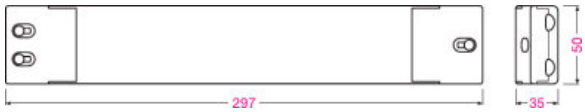
OTi DALI 35220-2401A0 NFC



OTi DALI 35220-2401A0 NFC



725432_OTi DALI 80220-24024 1-4 CH



OTI DALI 160220-24024 TW

Equipment / Accessories

- Suitable for 24 V LED modules

Application advice

For more detailed application information and graphics please see product datasheet.

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

	File

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Product family datasheet

	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet OTi DALI 30 220 240 24 1CH TDS 20230110
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet OTi DALI 50 80 24 1CH G3 TDS 120522
	Certificates OT VDE ENEC 40050684 290923
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet OTi DALI 160 220-240 24 1CH G3 Specification Sheet (EN)
	Product Datasheet OTi DALI 160 24 1CH G3 TDS 120522
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet OTi DALI 50 80 24 4CH DT6-8 G3 TDS 120522
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet OTi DALI 160 220-240 24 2CH DT6-8 G3 Specification Sheet (EN)
	Product Datasheet OTi DALI 160 24 2CH DT6-8 G3 TDS 120522
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Technical datasheet OTi DALI 50-80_220-240_24 1CH (EN)
	Certificates IT DALI 1CH 4CH DT6 DT8 CB DE1 64778 070421
	CAD data 3-dim OTi DALI 50-80 220-240 24 _ 3D stp file
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Technical datasheet OTi DALI 160 220-240 24 1CH (EN)
	CAD data 3-dim OTi DALI 160 220-240 24 _ 3D stp file
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Technical datasheet OTi DALI 50 80 220 240 24 4CH DT6 8
	User instruction OPTOTRONIC LED Power Supply

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	Product Datasheet Technical datasheet OTi DALI 160 220 240 24 2CH DT6 8

Ecodesign regulation information:

Intended for use with LED modules.
The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172329767	OTi DALI 30/220-240/24 1CH	Shipping carton box 30	355 mm x 225 mm x 130 mm	10.38 dm^3	5092.00 g
4062172274340	OTi DALI 50/220-240/24 1CH G3	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm^3	3998.00 g
4062172274364	OTi DALI 80/220-240/24 1CH G3	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm^3	3998.00 g
4062172274388	OTi DALI 160/220-240/24 1CH G3	Shipping carton box 20	335 mm x 268 mm x 167 mm	14.99 dm^3	7918.00 g
4062172274289	OTi DALI 50/220-240/ 24 4CH DT6/8 G3	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm^3	3998.00 g
4062172274302	OTi DALI 80/220-240/ 24 4CH DT6/8 G3	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm^3	3998.00 g
4062172274326	OTi DALI 160/220-240/ 24 2CH DT6/8 G3	Shipping carton box 20	335 mm x 268 mm x 167 mm	14.99 dm^3	7918.00 g
4062172177962	OTi DALI 50/220-240/24 1CH	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm^3	3998.00 g
4062172177986	OTi DALI 80/220-240/24 1CH	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm^3	3998.00 g
4062172178006	OTi DALI 160/220-240/24 1CH	Shipping carton box 20	335 mm x 268 mm x 167 mm	14.99 dm^3	7918.00 g
4062172177900	OTi DALI 50/220-240/24 4CHDT6/8	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm^3	3998.00 g
4062172177924	OTi DALI 80/220-240/24 4CHDT6/8	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm^3	3998.00 g

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Logistical Data

4062172177948	OTi DALI 160/220-240/24 2CHDT6/8	Shipping carton box 20	335 mm x 268 mm x 167 mm	14.99 dm^3	7918.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Accessories Optional

Product description	Accessory name	Accessory code
OTi DALI 30/220-240/24 1CH	OT CABLE CLAMP B-STYLE	4052899077881

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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