

CV Power supplies with DALI



Product family features

- Dimmable via Touch DIM
- LED driver whose output power can be shared arbitrarily among the 2 or 4 channels
- Dimming range: 0.1...100 %
- Line frequency: 0 Hz | 50 Hz | 60 Hz

Product family benefits

- Intelligent power matching thanks to Smart power supply
- Slim form factor for mounting on the cove or in linear 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
- Available as single-channel or multi-channel with DT6 and DT8 in one device
- 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

Product family datasheet

Technical data

Product description	Electrical data					
	Nominal input voltage	Mains frequency	Input voltage AC	Total harmonic distortion	Power factor λ	Efficiency in full-load
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⁾
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 80/220-240/24 1CH G3	220...240 V	50/60 Hz	198...264 V	< 5 %	0.89C...0.99	93% 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 160/220-240/24 1CH G3	220...240 V	50/60 Hz	198...264 V	< 5 %	0.92C...0.99	93% ¹⁾

Product description	Device power loss	Networked standby power [GMS]	Inrush current	Max. ECG no. on circuit breaker 10 A (B)	Max. ECG no. on circuit breaker 10 A (C)
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
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 80/220-240/24 1CH G3	6.0 W		46 A	9	15
OTi DALI 50/220-240/24 1CH G3	4.0 W		41 A	13	22
OTi DALI 160/220-240/24 1CH G3	11 W		57 A	4	8

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)	Nominal output voltage
OTi DALI 50/220-240/24 4CHDT6/8	36	21	33	1 kV	24 V ²⁾

Product family datasheet

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)	Nominal output voltage
OTi DALI 80/220-240/24 4CHDT6/8	25	15	23	1 kV	24 V ²⁾
OTi DALI 160/220-240/24 2CHDT6/8	13	7	12	1 kV	24 V ²⁾
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	36	21	33	1 kV	24 V ²⁾
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	25	15	23	1 kV	24 V ²⁾
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	13	7	12	1 kV	24 V ²⁾
OTi DALI 50/220-240/24 1CH	36	21	33	1 kV	24 V ²⁾
OTi DALI 80/220-240/24 1CH	25	15	23	1 kV	24 V ²⁾
OTi DALI 160/220-240/24 1CH	13	7	12	1 kV	24 V ²⁾
OTi DALI 80/220-240/24 1CH G3	25	15	23	1 kV	24 V ²⁾
OTi DALI 50/220-240/24 1CH G3	36	21	33	1 kV	24 V ²⁾
OTi DALI 160/220-240/24 1CH G3	13	7	12	1 kV	24 V ²⁾

Product description	U-OUT (working voltage)	Nominal output power	Maximum output power	Galvanic isolation	Galvanic isolation primary/secondary
OTi DALI 50/220-240/24 4CHDT6/8	24.2 V	50 W	50 W ³⁾	SELV	3.75 kV
OTi DALI 80/220-240/24 4CHDT6/8	24.2 V	80 W	80 W ³⁾	SELV	3.75 kV
OTi DALI 160/220-240/24 2CHDT6/8	24.2 V	160 W	160 W ³⁾	SELV	3.75 kV
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	24.2 V	50 W	50 W ³⁾	SELV	3.75 kV
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	24.2 V	80 W	80 W ³⁾	SELV	3.75 kV
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	24.2 V	160 W	160 W ³⁾	SELV	3.75 kV
OTi DALI 50/220-240/24 1CH	24.2 V	50 W	50 W ³⁾	SELV	3.75 kV
OTi DALI 80/220-240/24 1CH	24.2 V	80 W	80 W ³⁾	SELV	3.75 kV
OTi DALI 160/220-240/24 1CH	24.2 V	160 W	160 W ³⁾	SELV	3.75 kV
OTi DALI 80/220-240/24 1CH G3	24.2 V	80 W	80 W ³⁾	SELV	3.75 kV
OTi DALI 50/220-240/24 1CH G3	24.2 V	50 W	50 W ³⁾	SELV	3.75 kV
OTi DALI 160/220-240/24 1CH G3	24.2 V	160 W	160 W ³⁾	SELV	3.75 kV

Product description	Output PWM frequency	Output ripple Voltage (100 Hz)	Input voltage DC	Surge capability (L/N-Ground)	Dimensions & weight
					Mounting hole spacing, length
OTi DALI 50/220-240/24 4CHDT6/8	> 2000 Hz	< 1 %	176...276 V		300.6 mm
OTi DALI 80/220-240/24 4CHDT6/8	> 2000 Hz	< 1 %	176...276 V		300.6 mm

Product family datasheet

Product description	Output PWM frequency	Output ripple Voltage (100 Hz)	Input voltage DC	Surge capability (L/N-Ground)	Dimensions & weight
					Mounting hole spacing, length
OTi DALI 160/220-240/24 2CHDT6/8	> 2000 Hz	< 1 %	176...276 V		258.0 mm
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	> 2000 Hz	< 1 %	176...276 V	2 kV	300.6 mm
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	> 2000 Hz	< 1 %	176...276 V	2 kV	300.6 mm
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	> 2000 Hz	< 1 %	176...276 V	2 kV	258.0 mm
OTi DALI 50/220-240/24 1CH	> 2000 Hz	< 1 %	176...276 V		300.6 mm
OTi DALI 80/220-240/24 1CH	> 2000 Hz	< 1 %	176...276 V		300.6 mm
OTi DALI 160/220-240/24 1CH	> 2000 Hz	< 1 %	176...276 V		258.0 mm
OTi DALI 80/220-240/24 1CH G3	> 2000 Hz	< 1 %	176...276 V	2 kV	300.6 mm
OTi DALI 50/220-240/24 1CH G3	> 2000 Hz	< 1 %	176...276 V	2 kV	300.6 mm
OTi DALI 160/220-240/24 1CH G3	> 2000 Hz	< 1 %	176...276 V	2 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 50/220-240/24 4CHDT6/8	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 4CHDT6/8	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 2CHDT6/8	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
OTi DALI 80/220-240/24 1CH	191.00 g	0.5...2.5 mm ²	0.2...1.5 mm ²	6.0 mm	5.0 mm
OTi DALI 160/220-240/24 1CH	380.00 g	0.5...2.5 mm ²	0.5...2.5 mm ²	6.0 mm	6.0 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

Product family datasheet

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 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 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

Product description	Length	Width	Height	Colors & materials	Temperatures & operating conditions	
				Casing material	Ambient temperature range	Maximum temperature at tc test point
OTi DALI 50/220-240/24 4CHDT6/8	346.0 mm	32.0 mm	22.0 mm	Plastic	-20...+45 °C	70 °C
OTi DALI 80/220-240/24 4CHDT6/8	346.0 mm	32.0 mm	22.0 mm	Plastic	-20...+45 °C	85 °C
OTi DALI 160/220-240/24 2CHDT6/8	300.0 mm	50.0 mm	35.0 mm	Plastic	-20...+45 °C	90 °C
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	346.0 mm	32.0 mm	22.0 mm	Plastic	-20...+45 °C	75 °C
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	346.0 mm	32.0 mm	22.0 mm	Plastic	-20...+45 °C	75 °C
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	300.0 mm	50.0 mm	35.0 mm	Plastic	-20...+45 °C	75 °C
OTi DALI 50/220-240/24 1CH	346.0 mm	32.0 mm	22.0 mm	Plastic	-20...+45 °C	70 °C
OTi DALI 80/220-240/24 1CH	346.0 mm	32.0 mm	22.0 mm	Plastic	-20...+45 °C	85 °C
OTi DALI 160/220-240/24 1CH	300.0 mm	50.0 mm	35.0 mm	Plastic	-20...+45 °C	90 °C
OTi DALI 80/220-240/24 1CH G3	346.0 mm	32.0 mm	22.0 mm	Plastic	-20...+45 °C	75 °C
OTi DALI 50/220-240/24 1CH G3	346.0 mm	32.0 mm	22.0 mm	Plastic	-20...+45 °C	75 °C
OTi DALI 160/220-240/24 1CH G3	300.0 mm	50.0 mm	35.0 mm	Plastic	-20...+45 °C	75 °C

Product description	Max.housing temperature in case of fault	Temperature range at storage	Permitted rel. humidity during operation	Lifespan	Additional product data
				ECG lifetime	Predecessor EAN
OTi DALI 50/220-240/24 4CHDT6/8	115 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	405289949 0772, 405289945 2916
OTi DALI 80/220-240/24 4CHDT6/8	115 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	405289945 2893, 405289949 0758
OTi DALI 160/220-240/24 2CHDT6/8	115 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	405289998 6312, 405289998 6305
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	110 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	406217217 7900

Product family datasheet

Product description	Max.housing temperature in case of fault	Temperature range at storage	Permitted rel. humidity during operation	Lifespan	Additional product data
				ECG lifetime	Predecessor EAN
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	110 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	406217217 7924
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	110 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	406217217 7948
OTi DALI 50/220-240/24 1CH	115 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	
OTi DALI 80/220-240/24 1CH	115 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	
OTi DALI 160/220-240/24 1CH	115 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	
OTi DALI 80/220-240/24 1CH G3	110 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	406217217 7986
OTi DALI 50/220-240/24 1CH G3	110 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	406217217 7962
OTi DALI 160/220-240/24 1CH G3	110 °C	-40...+85 °C	5...85 % ⁴⁾	50000 h	406217217 8006

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

Product family datasheet

Product description	Overheating protection	Overload protection	Short-circuit protection
OTi DALI 50/220-240/24 4CHDT6/8	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 80/220-240/24 4CHDT6/8	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 160/220-240/24 2CHDT6/8	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 50/220-240/24 1CH	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 80/220-240/24 1CH	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 160/220-240/24 1CH	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 80/220-240/24 1CH G3	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 50/220-240/24 1CH G3	Automatic reversible	Automatic reversible	Automatic reversible
OTi DALI 160/220-240/24 1CH G3	Automatic reversible	Automatic reversible	Automatic reversible

Product description	No-load proof	Intended for no-load operation	Suitable for fixtures with prot. class
OTi DALI 50/220-240/24 4CHDT6/8	Yes	No	I / II
OTi DALI 80/220-240/24 4CHDT6/8	Yes	No	I / II
OTi DALI 160/220-240/24 2CHDT6/8	Yes	No	I / II
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	Yes	No	I / II
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	Yes	No	I / II
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	Yes	No	I / II
OTi DALI 50/220-240/24 1CH	Yes	No	I / II
OTi DALI 80/220-240/24 1CH	Yes	No	I / II
OTi DALI 160/220-240/24 1CH	Yes	No	I / II
OTi DALI 80/220-240/24 1CH G3	Yes	No	I / II
OTi DALI 50/220-240/24 1CH G3	Yes	No	I / II
OTi DALI 160/220-240/24 1CH G3	Yes	No	I / II

Product description	Type of connection, input side	Type of connection, output side	Number of channels	Control interface
OTi DALI 50/220-240/24 4CHDT6/8	Screw terminal	Screw terminal	4	DALI-2

Product family datasheet

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

Product description	Programming	Certificates & standards		
	Tuner4TRONIC	Approval marks – approval	Standards	Protection class
OTi DALI 50/220-240/24 4CHDT6/8	Yes	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 4CHDT6/8	Yes	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 2CHDT6/8	Yes	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

Product family datasheet

Product description	Programming	Certificates & standards		
	Tuner4TRONIC	Approval marks – approval	Standards	Protection class
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	Yes	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
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	Yes	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
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	Yes	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
OTi DALI 50/220-240/24 1CH	Yes	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	Yes	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	Yes	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

Product family datasheet

Product description	Programming	Certificates & standards		
	Tuner4TRONIC	Approval marks – approval	Standards	Protection class
OTi DALI 80/220-240/24 1CH G3	Yes	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
OTi DALI 50/220-240/24 1CH G3	Yes	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
OTi DALI 160/220-240/24 1CH G3	Yes	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

Product description	Type of protection	Logistical data	Environmental information
		Commodity code	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
OTi DALI 50/220-240/24 4CHDT6/8	IP20	850440839000	Date of Declaration
OTi DALI 80/220-240/24 4CHDT6/8	IP20	850440839000	06-02-2023
OTi DALI 160/220-240/24 2CHDT6/8		850440839000	06-02-2023
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	IP20	850440839000	06-02-2023
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	IP20	850440839000	06-02-2023
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	IP20	850440839000	06-02-2023
OTi DALI 50/220-240/24 1CH		850440839000	06-02-2023
OTi DALI 80/220-240/24 1CH		850440839000	06-02-2023
OTi DALI 160/220-240/24 1CH		850440839000	06-02-2023
OTi DALI 80/220-240/24 1CH G3	IP20	850440839000	06-02-2023
OTi DALI 50/220-240/24 1CH G3	IP20	850440839000	06-02-2023
OTi DALI 160/220-240/24 1CH G3	IP20	850440839000	06-02-2023

Product family datasheet

Product description	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction
OTi DALI 50/220-240/24 4CHDT6/8	4062172177900	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
OTi DALI 80/220-240/24 4CHDT6/8	4062172177924	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
OTi DALI 160/220-240/24 2CHDT6/8	4062172177948	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	4062172274289			
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	4062172274302			
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	4062172274326			
OTi DALI 50/220-240/24 1CH	4062172177962	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
OTi DALI 80/220-240/24 1CH	4062172177986	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
OTi DALI 160/220-240/24 1CH	4062172178006	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
OTi DALI 80/220-240/24 1CH G3	4062172274364			
OTi DALI 50/220-240/24 1CH G3	4062172274340			
OTi DALI 160/220-240/24 1CH G3	4062172274388			
Product description	Declaration No. in SCIP database			
OTi DALI 50/220-240/24 4CHDT6/8	1c560d22-f087-40d4-9d04-7071f5d61f24			

Product family datasheet

Product description	Declaration No. in SCIP database
OTi DALI 80/220-240/24 4CHDT6/8	0f8e8db2-6d74-4d2a-876a-07d0c48853d1
OTi DALI 160/220-240/24 2CHDT6/8	2bb333c6-9282-4fa2-99d7-e06dff259f3e
OTi DALI 50/220-240/ 24 4CH DT6/8 G3	In work
OTi DALI 80/220-240/ 24 4CH DT6/8 G3	In work
OTi DALI 160/220-240/ 24 2CH DT6/8 G3	In work
OTi DALI 50/220-240/24 1CH	5f831b12-67c9-4d08-a13a-bccddf1c0a8b
OTi DALI 80/220-240/24 1CH	672b4f59-fc45-4b41-837e-3095e12b6634
OTi DALI 160/220-240/24 1CH	0a78d07d-3143-4367-9615-9af6899f81a7
OTi DALI 80/220-240/24 1CH G3	In work
OTi DALI 50/220-240/24 1CH G3	In work
OTi DALI 160/220-240/24 1CH G3	In work

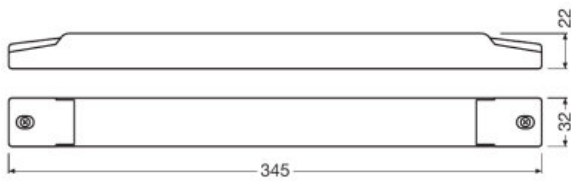
1) at 230 V, 50 Hz

2) DC voltage

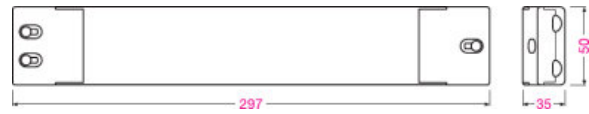
3) at steady state

4) Maximum 56 days/year at 85 %

Product family datasheet



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	
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Technical datasheet OTi DALI 50 80 220 240 24 4CH DT6 8
	Certificates OT ENEC 40050684 041122
	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 2CH DT6 8

Product family datasheet

	CAD data 3-dim OTi DALI 160 220-240 24 _ 3D stp file
	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)
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Technical datasheet OTi DALI 160 220-240 24 1CH (EN)
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet OTi DALI 50 80 24 1CH G3 TDS 120522
	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

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.

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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
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
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
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
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
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

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.

Disclaimer

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