

CV Power supplies with DALI



Product family features

- Dimmable via Touch DIM (if supported)
- 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
- Reduced flicker thanks to high PWM frequency
- 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	ECG efficiency
OTi DALI 50/220...240/24 1...4 CH ¹⁾	220...240 V	50/60 Hz	198...264 V	< 5 %	> 0.95	92 %
OTi DALI 50/220...240/24 TW ¹⁾	220...240 V	50/60 Hz	198...264 V	< 5 %	0.98	92 %
OTi DALI 80/220...240/24 1...4 CH ¹⁾	220...240 V	50/60 Hz	198...264 V	< 5 %	> 0.95	93 %
OTi DALI 80/220...240/24 TW ¹⁾	220...240 V	50/60 Hz	198...264 V	< 5 %	0.98	93 %
OTi DALI 160/220...240/24 1-2 CH ¹⁾	220...240 V	50/60 Hz	198...264 V	< 5 %	0.99	93 %
OTi DALI 160/220...240/24 TW ¹⁾	220...240 V	50/60 Hz	198...264 V	< 5 %	0.99	93 %
OTi DALI 50/220-240/24 4CHDT6/8	220...240 V	50/60 Hz	198...264 V	< 5 %	> 0.95	92 %
OTi DALI 80/220-240/24 4CHDT6/8	220...240 V	50/60 Hz	198...264 V	< 5 %	> 0.95	93 %
OTi DALI 160/220-240/24 2CHDT6/8	220...240 V	50/60 Hz	198...264 V	< 5 %	> 0.95	93 %
OTi DALI 50/220-240/24 1CH	220...240 V	50/60 Hz	198...264 V	< 5 %	> 0.95	92 %
OTi DALI 80/220-240/24 1CH	220...240 V	50/60 Hz	198...264 V	< 5 %	> 0.95	93 %
OTi DALI 160/220-240/24 1CH	220...240 V	50/60 Hz	198...264 V	< 5 %	> 0.95	93 %

Product description	Device power loss	Power loss in stand-by mode	Inrush current	Max. ECG no. on circuit breaker 10 A (B)	Max. ECG no. on circuit breaker 16 A (B)	Max. ECG no. on circuit breaker 25 A (B)
OTi DALI 50/220...240/24 1...4 CH ¹⁾	5.0 W	0.3 W	43 A	9	15	27
OTi DALI 50/220...240/24 TW ¹⁾	4.4 W	0.36 W	43 A	9	15	25
OTi DALI 80/220...240/24 1...4 CH ¹⁾	6.2 W	0.3 W	48 A	6	10	18
OTi DALI 80/220...240/24 TW ¹⁾	6.0 W	0.36 W	48 A	6	10	16
OTi DALI 160/220...240/24 1-2 CH ¹⁾	11 W	0.36 W	69 A	5	8	13
OTi DALI 160/220...240/24 TW ¹⁾	11 W	0.36 W	69 A	5	8	13
OTi DALI 50/220-240/24 4CHDT6/8	4.4 W		41 A	13	21	33
OTi DALI 80/220-240/24 4CHDT6/8	6.0 W		46 A	9	15	23
OTi DALI 160/220-240/24 2CHDT6/8	11.0 W		57 A	4	7	12
OTi DALI 50/220-240/24 1CH	4.4 W		41 A	13	21	33
OTi DALI 80/220-240/24 1CH	6.0 W		46 A	9	15	23
OTi DALI 160/220-240/24 1CH	11.0 W		57 A	4	7	12

Product description	Surge capability (L/N-Ground)	Surge capability (L-N)	Nominal output voltage	U-OUT (working voltage)	Nominal output power
OTi DALI 50/220...240/24 1...4 CH ¹⁾	2 kV	1 kV	24 V ²⁾	24.2 V	50 W
OTi DALI 50/220...240/24 TW ¹⁾		1 kV	24 V ²⁾	24.2 V	50 W
OTi DALI 80/220...240/24 1...4 CH ¹⁾	2 kV	1 kV	24 V ²⁾	24.2 V	80 W
OTi DALI 80/220...240/24 TW ¹⁾		1 kV	24 V ²⁾	24.2 V	80 W
OTi DALI 160/220...240/24 1-2 CH ¹⁾		1 kV	24.2 V ²⁾	24.2 V	160 W
OTi DALI 160/220...240/24 TW ¹⁾		1 kV	24 V ²⁾	24.2 V	160 W
OTi DALI 50/220-240/24 4CHDT6/8		1 kV	24 V ²⁾	24.2 V	50 W

Product family datasheet

Product description	Surge capability (L/N-Ground)	Surge capability (L-N)	Nominal output voltage	U-OUT (working voltage)	Nominal output power
OTi DALI 80/220-240/24 4CHDT6/8		1 kV	24 V ²⁾	24.2 V	80 W
OTi DALI 160/220-240/24 2CHDT6/8		1 kV	24 V ²⁾	24.2 V	160 W
OTi DALI 50/220-240/24 1CH		1 kV	24 V ²⁾	24.2 V	50 W
OTi DALI 80/220-240/24 1CH		1 kV	24 V ²⁾	24.2 V	80 W
OTi DALI 160/220-240/24 1CH		1 kV	24 V ²⁾	24.2 V	160 W

Product description	Galvanic isolation	Galvanic isolation primary/secondary	Input voltage DC	Max. ECG no. on circuit breaker 10 A (C)	Max. ECG no. on circuit breaker 16 A (C)
OTi DALI 50/220...240/24 1...4 CH ¹⁾	SELV	3.75 kV	176...276 V		
OTi DALI 50/220...240/24 TW ¹⁾	SELV	3.75 kV	176...276 V		
OTi DALI 80/220...240/24 1...4 CH ¹⁾	SELV	3.75 kV	176...276 V		
OTi DALI 80/220...240/24 TW ¹⁾	SELV	3.75 kV	176...276 V		
OTi DALI 160/220...240/24 1-2 CH ¹⁾	SELV	3 kV	176...276 V		
OTi DALI 160/220...240/24 TW ¹⁾	SELV	3 kV	176...276 V		
OTi DALI 50/220-240/24 4CHDT6/8	SELV	3.75 kV	176...276 V	22	36
OTi DALI 80/220-240/24 4CHDT6/8	SELV	3.75 kV	176...276 V	15	25
OTi DALI 160/220-240/24 2CHDT6/8	SELV	3.75 kV	176...276 V	8	13
OTi DALI 50/220-240/24 1CH	SELV	3.75 kV	176...276 V	22	36
OTi DALI 80/220-240/24 1CH	SELV	3.75 kV	176...276 V	15	25
OTi DALI 160/220-240/24 1CH	SELV	3.75 kV	176...276 V	8	13

Product description	Output ripple Voltage (100 Hz)	Output PWM frequency	Dimensions & weight		
			Mounting hole spacing, length	Product weight	Cable cross- section, input side
OTi DALI 50/220...240/24 1...4 CH ¹⁾			300.6 mm	191.00 g	0.5...2.5 mm ²
OTi DALI 50/220...240/24 TW ¹⁾			300.6 mm	191.00 g	0.75...2.5 mm ²
OTi DALI 80/220...240/24 1...4 CH ¹⁾			300.6 mm	191.00 g	0.5...2.5 mm ²
OTi DALI 80/220...240/24 TW ¹⁾			300.6 mm	191.00 g	0.75...2.5 mm ²
OTi DALI 160/220...240/24 1-2 CH ¹⁾			258.0 mm	380.00 g	0.5...2.5 mm ²
OTi DALI 160/220...240/24 TW ¹⁾			258.0 mm	380.00 g	0.5...2.5 mm ²
OTi DALI 50/220-240/24 4CHDT6/8	< 1 %	> 2000 Hz	300.6 mm	191.00 g	0.5...2.5 mm ²
OTi DALI 80/220-240/24 4CHDT6/8	< 1 %	> 2000 Hz	300.6 mm	191.00 g	0.5...2.5 mm ²
OTi DALI 160/220-240/24 2CHDT6/8	< 1 %	> 2000 Hz	258.0 mm	380.00 g	0.5...2.5 mm ²
OTi DALI 50/220-240/24 1CH	< 1 %	> 2000 Hz	300.6 mm	191.00 g	0.5...2.5 mm ²
OTi DALI 80/220-240/24 1CH	< 1 %	> 2000 Hz	300.6 mm	191.00 g	0.5...2.5 mm ²
OTi DALI 160/220-240/24 1CH	< 1 %	> 2000 Hz	258.0 mm	380.00 g	0.5...2.5 mm ²

Product family datasheet

Product description	Cable cross-section, output side	Wire preparation length, input side	Wire preparation length, output side	Length	Width
OTi DALI 50/220...240/24 1...4 CH ¹⁾	0.2...1.5 mm ²	6.0 mm	5.0 mm	346.0 mm	32.0 mm
OTi DALI 50/220...240/24 TW ¹⁾	0.2...1.5 mm ²	5.0 mm	5.0 mm	346.0 mm	32.0 mm
OTi DALI 80/220...240/24 1...4 CH ¹⁾	0.2...1.5 mm ²	6.0 mm	5.0 mm	346.0 mm	32.0 mm
OTi DALI 80/220...240/24 TW ¹⁾	0.2...1.5 mm ²	5.0 mm	5.0 mm	346.0 mm	32.0 mm
OTi DALI 160/220...240/24 1-2 CH ¹⁾	0.5...2.5 mm ²	6.0 mm	6.0 mm	300.0 mm	50.0 mm
OTi DALI 160/220...240/24 TW ¹⁾	0.5...2.5 mm ²	6.0 mm	6.0 mm	300.0 mm	50.0 mm
OTi DALI 50/220-240/24 4CHDT6/8	0.2...1.5 mm ²	6.0 mm	5.0 mm	346.0 mm	32.0 mm
OTi DALI 80/220-240/24 4CHDT6/8	0.2...1.5 mm ²	6.0 mm	5.0 mm	346.0 mm	32.0 mm
OTi DALI 160/220-240/24 2CHDT6/8	0.5...2.5 mm ²	6.0 mm	6.0 mm	300.0 mm	50.0 mm
OTi DALI 50/220-240/24 1CH	0.2...1.5 mm ²	6.0 mm	5.0 mm	346.0 mm	32.0 mm
OTi DALI 80/220-240/24 1CH	0.2...1.5 mm ²	6.0 mm	5.0 mm	346.0 mm	32.0 mm
OTi DALI 160/220-240/24 1CH	0.5...2.5 mm ²	6.0 mm	6.0 mm	300.0 mm	50.0 mm

Product description	Height	Mounting hole spacing, width	Colors & materials	Temperatures & operating conditions	
			Casing material	Ambient temperature range	Maximum temperature at tc test point
OTi DALI 50/220...240/24 1...4 CH ¹⁾	22.0 mm		Plastic	-20...+45 °C	70 °C
OTi DALI 50/220...240/24 TW ¹⁾	22.0 mm		Plastic	-20...+45 °C	75 °C
OTi DALI 80/220...240/24 1...4 CH ¹⁾	22.0 mm		Plastic	-20...+45 °C	85 °C
OTi DALI 80/220...240/24 TW ¹⁾	22.0 mm		Plastic	-20...+45 °C	85 °C
OTi DALI 160/220...240/24 1-2 CH ¹⁾	35.0 mm	-	Plastic	-20...+45 °C	90 °C
OTi DALI 160/220...240/24 TW ¹⁾	35.0 mm	-	Plastic	-20...+45 °C	90 °C
OTi DALI 50/220-240/24 4CHDT6/8	22.0 mm		Plastic	-20...+45 °C	70 °C
OTi DALI 80/220-240/24 4CHDT6/8	22.0 mm		Plastic	-20...+45 °C	85 °C
OTi DALI 160/220-240/24 2CHDT6/8	35.0 mm		Plastic	-20...+45 °C	90 °C
OTi DALI 50/220-240/24 1CH	22.0 mm		Plastic	-20...+45 °C	70 °C
OTi DALI 80/220-240/24 1CH	22.0 mm		Plastic	-20...+45 °C	85 °C
OTi DALI 160/220-240/24 1CH	35.0 mm		Plastic	-20...+45 °C	90 °C

Product description	Max.housing temperature in case of fault	Temperature range at storage	Permitted rel. humidity during operation	Lifespan	Capabilities
				ECG lifetime	Dimmable
OTi DALI 50/220...240/24 1...4 CH ¹⁾	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h ⁴⁾	Yes
OTi DALI 50/220...240/24 TW ¹⁾	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h ⁵⁾	Yes
OTi DALI 80/220...240/24 1...4 CH ¹⁾	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h ⁶⁾	Yes
OTi DALI 80/220...240/24 TW ¹⁾	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h ⁷⁾	Yes
OTi DALI 160/220...240/24 1-2 CH ¹⁾	115 °C	-20...85 °C	5...85 % ³⁾	50000 h ⁸⁾	Yes
OTi DALI 160/220...240/24 TW ¹⁾	120 °C	-25...85 °C	5...85 % ³⁾	50000 h ⁸⁾	Yes
OTi DALI 50/220-240/24 4CHDT6/8	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h	Yes
OTi DALI 80/220-240/24 4CHDT6/8	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h	Yes

Product family datasheet

Product description	Max.housing temperature in case of fault	Temperature range at storage	Permitted rel. humidity during operation	Lifespan	Capabili ties
				ECG lifetime	Dimmab le
OTi DALI 160/220-240/24 2CHDT6/8	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h	Yes
OTi DALI 50/220-240/24 1CH	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h	Yes
OTi DALI 80/220-240/24 1CH	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h	Yes
OTi DALI 160/220-240/24 1CH	115 °C	-40...+85 °C	5...85 % ³⁾	50000 h	Yes

Product description	Dimming interface	Dimming range	Dimming method	Overheating protection
OTi DALI 50/220...240/24 1...4 CH ¹⁾	DALI-2	0...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 50/220...240/24 TW ¹⁾	DALI-2	0...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 80/220...240/24 1...4 CH ¹⁾	DALI-2	0...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 80/220...240/24 TW ¹⁾	DALI-2	0...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 160/220...240/24 1-2 CH ¹⁾	DALI-2	0...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 160/220...240/24 TW ¹⁾	DALI-2	0...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 50/220-240/24 4CHDT6/8	DALI-2	0.1...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 80/220-240/24 4CHDT6/8	DALI-2	0.1...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 160/220-240/24 2CHDT6/8	DALI-2	0.1...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 50/220-240/24 1CH	DALI-2	0.1...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 80/220-240/24 1CH	DALI-2	0.1...100 %	Pulse Width Modulation	Automatic reversible
OTi DALI 160/220-240/24 1CH	DALI-2	0.1...100 %	Pulse Width Modulation	Automatic reversible

Product description	Overload protection	Short-circuit protection	No-load proof	Suitable for fixtures with prot. class
OTi DALI 50/220...240/24 1...4 CH ¹⁾	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 50/220...240/24 TW ¹⁾	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 80/220...240/24 1...4 CH ¹⁾	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 80/220...240/24 TW ¹⁾	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 160/220...240/24 1-2 CH ¹⁾	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 160/220...240/24 TW ¹⁾	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 50/220-240/24 4CHDT6/8	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 80/220-240/24 4CHDT6/8	Automatic reversible	Automatic reversible	Yes	I / II

Product family datasheet

Product description	Overload protection	Short-circuit protection	No-load proof	Suitable for fixtures with prot. class
OTi DALI 160/220-240/24 2CHDT6/8	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 50/220-240/24 1CH	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 80/220-240/24 1CH	Automatic reversible	Automatic reversible	Yes	I / II
OTi DALI 160/220-240/24 1CH	Automatic reversible	Automatic reversible	Yes	I / II

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

Product description	Certificates & standards			
	Approval marks – approval	Standards	Protection class	Type of protection
OTi DALI 50/220...240/24 1...4 CH ¹⁾	CE / ENEC 10 / VDE / VDE-EMC / RCM / EAC / CCC / BIS / EL	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 TW ¹⁾	CE / ENEC 10 / VDE / VDE-EMC / RCM / EAC / CCC / BIS / EL	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	II	IP20

Product family datasheet

Product description	Certificates & standards			
	Approval marks – approval	Standards	Protection class	Type of protection
OTi DALI 80/220...240/24 1...4 CH ¹⁾	CE / ENEC 10 / VDE / VDE-EMC / RCM / EAC / CCC / BIS / EL	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 TW ¹⁾	CE / ENEC 10 / VDE / VDE-EMC / RCM / EAC / CCC / BIS / EL	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	II	IP20
OTi DALI 160/220...240/24 1-2 CH ¹⁾	EL / CCC / EAC / CE / ENEC 10 / VDE / VDE-EMC / BIS / RCM	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	II	IP20
OTi DALI 160/220...240/24 TW ¹⁾	EL / CCC / EAC / CE / ENEC 10 / VDE / VDE-EMC / RCM / BIS	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	II	IP20
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	
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	

Product family datasheet

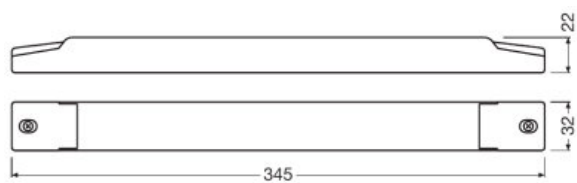
Product description	Certificates & standards			
	Approval marks – approval	Standards	Protection class	Type of protection
OTi DALI 160/220-240/24 2CHDT6/8	BIS / CCC / CE / EAC / EL / ENEC 10 / RCM / VDE / VDE-ENEC	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN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

Product description	Logistical data	
	Commodity code	
OTi DALI 50/220...240/24 1...4 CH ¹⁾	850440829000	
OTi DALI 50/220...240/24 TW ¹⁾	850440829000	
OTi DALI 80/220...240/24 1...4 CH ¹⁾	850440829000	
OTi DALI 80/220...240/24 TW ¹⁾	850440829000	
OTi DALI 160/220...240/24 1-2 CH ¹⁾	850440829000	
OTi DALI 160/220...240/24 TW ¹⁾	850440829000	
OTi DALI 50/220-240/24 4CHDT6/8	850440829000	
OTi DALI 80/220-240/24 4CHDT6/8	850440829000	
OTi DALI 160/220-240/24 2CHDT6/8	850440829000	
OTi DALI 50/220-240/24 1CH	850440829000	
OTi DALI 80/220-240/24 1CH	850440829000	
OTi DALI 160/220-240/24 1CH	850440829000	

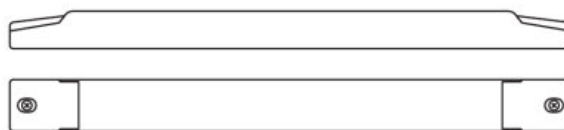
Product family datasheet

- 1) Emergency lighting: EL sign
- 2) DC voltage
- 3) Maximum 56 days/year at 85 %
- 4) At $T_{case} = 70^{\circ}\text{C}$ at T_c point / 10% failure rate
- 5) $T_c = 70^{\circ}\text{C}$, 0.1% / 1,000 h failure rate
- 6) At $T_{case} = 85^{\circ}\text{C}$ at T_c point / 10% failure rate
- 7) $T_c = 85^{\circ}\text{C}$, 0.2% / 1,000 h failure rate
- 8) $T_c = 90^{\circ}\text{C}$ - 0.2% / 1,000 h failure rate

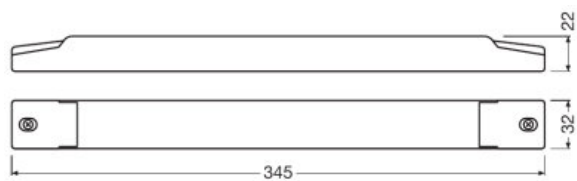
Product family datasheet



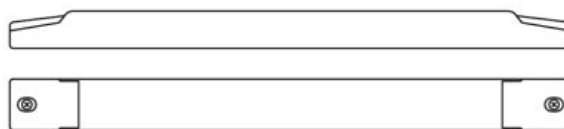
725433_OTi DALI 50220-24024 1-4 CH



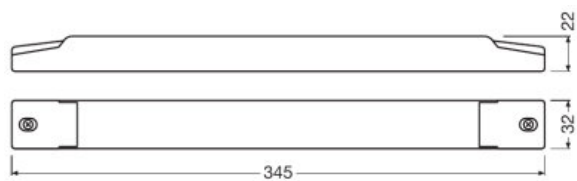
725437_OTi DALI 50220-24024 1-4 CH



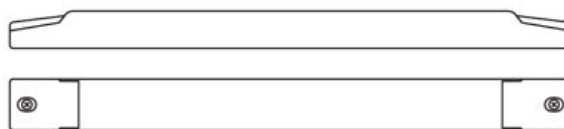
730867_OTi DALI 50220-24024 TW



730875_OTi DALI 50220-24024 TW

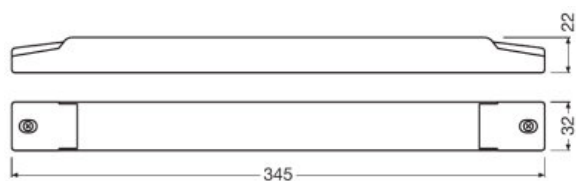


725432_OTi DALI 80220-24024 1-4 CH

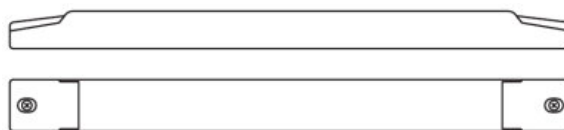


725436_OTi DALI 80220-24024 1-4 CH

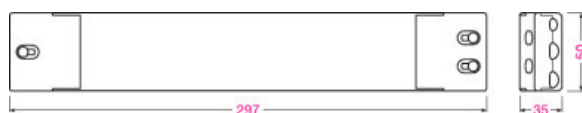
Product family datasheet



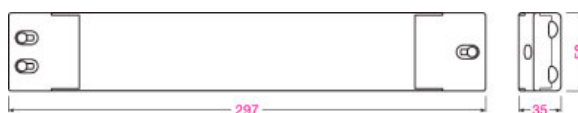
730866_OTi DALI 80220-24024 TW



730874_OTi DALI 80220-24024 TW



OTI DALI 160220-24024 1-2 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

Product family datasheet

	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet OTi DALI 80220-24024 1-4 CH OTi DALI 50220-24024 1-4 CH (EN)
	Brochures OPTOTRONIC constant-voltage LED power supplies and controls (EN)
	Brochures 730792_Light is universal - Easy installation of efficient complete systems (DE)
	Brochures 730791_Light is universal - Easy installation of efficient complete systems (EN)
	Certificates OT ENEC 40050684 060421
	Certificates OTi DALI 50 80 CB DE1 63488 280420
	Certificates 729875_OTi DALI 50220-24024 1-4 CH EATON Conformity
	Certificates 729877_OTi DALI 50220-24024 1-4 CH Inotec Conformity
	Certificates VDE ENEC Certificate 40043863
	Certificates OT EMC 40038482 220421
	Certificates CB Certificate
	Certificates CCC certificate 2017011002969504
	Certificates Certificate of Approval NSW27729
	Certificates VDE ENEC Certificate 40043863 appendix
	Declarations of conformity 729793_EC OTi DALI 50,8024
	CAD data 3-dim CAD data OTi DALI 5080
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Datasheet OTi DALI 5080 24 TW
	Certificates 729876_OTi DALI 80220-24024 1-4 CH EATON Conformity
	Certificates 729878_OTi DALI 80220-24024 1-4 CH Conformity Inotec
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet OTi DALI 160220-24024 1-2 CH (EN)

Product family datasheet

	Certificates OTi DALI 160 CB 63486 280420
	Certificates CB Test Certificate DE1-59703
	Certificates CEAG Certificate OTI DALI 160 1 2 CH
	Certificates INOTEC Certificate OTI DALI 160 220-24024 1 2 CH
	Certificates Certificate NSW27729.1 OTI DALI 160_24
	Certificates CCC Certificate 2018171002002183
	Declarations of conformity 3584656 EU Declaration of Conformity (EN)
	CAD data 3-dim OTI DALI 160 220 240 24
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Product Datasheet OTI DALI 160220-24024 TW
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Technical datasheet OTi DALI 50 80 220 240 24 4CH DT6 8
	Certificates IT DALI 1CH 4CH DT6 DT8 CB DE1 64778 070421
	User instruction OPTOTRONIC LED Power Supply
	Product Datasheet Technical datasheet OTi DALI 160 220 240 24 2CH DT6 8
	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)

Product family datasheet

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
4052899452916	OTi DALI 50/220...240/24 1...4 CH	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm ³	3998.00 g
4052899490772	OTi DALI 50/220...240/24 TW	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm ³	3998.00 g
4052899452893	OTi DALI 80/220...240/24 1...4 CH	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm ³	3998.00 g
4052899490758	OTi DALI 80/220...240/24 TW	Shipping carton box 20	370 mm x 170 mm x 113 mm	7.11 dm ³	3998.00 g
4052899986305	OTi DALI 160/220...240/24 1-2 CH	Shipping carton box 20	335 mm x 268 mm x 167 mm	14.99 dm ³	7918.00 g
4052899986312	OTi DALI 160/220...240/24 TW	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
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
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

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.