

OPTOTRONIC Phase-cut OT FIT

Compact constant current LED driver – Dimmable



Product family features

- Cable clamp housing for independent mounting
- Dimmable on the leading edge and trailing edge
- Housing for independent installation

Product family benefits

- Compatible with the most common leading-edge and trailing-edge phase dimmers
- Flexible current setting (DIPswitch – 2 to 4 currents)
- Flicker-free dimming
- Higher quality of light thanks to < 5% output ripple current
- Housing from 80% recycled plastic

Product family datasheet

Areas of application

- Decorative illumination
- Downlights, flat luminaires
- Hospitality
- Living areas
- Museums, residential buildings
- Offices
- Shop lighting
- Suitable for indoor SELV installations
- Suitable for 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
OT FIT 7/220...240/180 CS PC	220...240 V	50/60 Hz	198...264 V ¹⁾	< 20 % ²⁾	0.86C...0.95 ₃₎	> 79 % ⁴⁾
OT FIT 8/220...240/180 CS PC	220...240 V	50/60 Hz	198...264 V ¹⁾	< 20 % ²⁾	0.85C...0.95 ₃₎	80 % ⁴⁾
OT FIT 8/220...240/180 CS PC SC	220...240 V	50/60 Hz	198...264 V ¹⁾	< 20 %	0.84C...0.97 ₃₎	80 % ⁴⁾
OT FIT 14/220...240/350 CS PC	220...240 V	50/60 Hz	198...264 V ¹⁾	< 20 % ²⁾	0.90C...0.95 ₃₎	81 % ⁴⁾
OT FIT 18/220...240/450 CS PC	220...240 V	50/60 Hz	198...264 V ¹⁾	< 20 % ²⁾	0.90C...0.95	> 82 % ⁴⁾
OT FIT 18/220...240/450 CS PC SC	220...240 V	50/60 Hz	198...264 V ¹⁾	< 20 % ²⁾	0.92C...0.97 ₃₎	> 82 % ⁴⁾
OT FIT 30/220...240/700 CS PC	220...240 V	50...60 Hz	198...264 V ¹⁾	< 20 % ²⁾	0.90C...0.97 ₃₎	84 % ⁴⁾
OT FIT 40/220...240/1A0 CS PC	220...240 V	50/60 Hz	198...264 V ¹⁾	< 20 % ²⁾	0.90C...0.98 ₃₎	85 % ⁴⁾
OT FIT 40/220...240/1A0 CS PC SC	220...240 V	50/60 Hz	198...264 V	< 20 %	0.93C...0.97	85 % ⁴⁾

Product description	Device power loss	Protective conductor current	Inrush current	Max. ECG no. on circuit breaker 10 A (C)	Max. ECG no. on circuit breaker 10 A (B)	Max. ECG no. on circuit breaker 16 A (C)
OT FIT 7/220...240/180 CS PC	1.8 W ⁵⁾	<0.7 mA	< 10 A ⁶⁾	132	80	212
OT FIT 8/220...240/180 CS PC	1.8 W ⁵⁾	<0.7 mA	< 10 A ⁶⁾	132	80	212
OT FIT 8/220...240/180 CS PC SC	1.8 W ⁵⁾	<0.7 mA	< 10 A ⁶⁾	132	80	212
OT FIT 14/220...240/350 CS PC	3.5 W ⁵⁾	<0.7 mA	< 10 A ⁶⁾	132	80	212
OT FIT 18/220...240/450 CS PC	4.0 W ⁵⁾	<0.7 mA	< 10 A ⁶⁾	55	33	88
OT FIT 18/220...240/450 CS PC SC	4.0 W ⁵⁾	<0.7 mA	< 10 A ⁶⁾	55	33	88
OT FIT 30/220...240/700 CS PC	5.0 W ⁵⁾	<0.7 mA	< 10 A ⁶⁾	26	26	41
OT FIT 40/220...240/1A0 CS PC	6.7 W ²¹⁾	<0.7 mA	< 10 A ⁶⁾	18	18	28
OT FIT 40/220...240/1A0 CS PC SC	6.7 W	<0.7 mA	< 10 A	18	18	28

Product description	Max. ECG no. on circuit breaker 16 A (B)	Surge capability (L/N-Ground)	Surge capability (L-N)	Nominal output voltage	U-OUT (working voltage)
OT FIT 7/220...240/180 CS PC	128	2 kV	1 kV	27...40 V ⁷⁾	60 V
OT FIT 8/220...240/180 CS PC	128	2 kV	1 kV	27...40 V ⁷⁾	60 V
OT FIT 8/220...240/180 CS PC SC	128	2 kV	1 kV	27...40 V ⁷⁾	60 V
OT FIT 14/220...240/350 CS PC	128	2 kV	1 kV	27...40 V ⁷⁾	60 V
OT FIT 18/220...240/450 CS PC	53	2 kV	1 kV	27...40 V ⁷⁾	60 V
OT FIT 18/220...240/450 CS PC SC	53	2 kV	1 kV	27...40 V ⁷⁾	60 V
OT FIT 30/220...240/700 CS PC	41	2 kV	1 kV	27...40 V	60 V

Product family datasheet

Product description	Max. ECG no. on circuit breaker 16 A (B)	Surge capability (L/N-Ground)	Surge capability (L-N)	Nominal output voltage	U-OUT (working voltage)
OT FIT 40/220...240/1A0 CS PC	28	2 kV	1 kV	27...40 V	60 V
OT FIT 40/220...240/1A0 CS PC SC	28	2 kV	1 kV	27...40 V	60 V

Product description	Nominal output current	Output current tolerance	Output ripple current (100 Hz)	Output PSTLM	Output SVM
OT FIT 7/220...240/180 CS PC	100 / 120 / 155 / 180 mA ⁸⁾	±7.5 %	< 5 %	≤1	≤0.4
OT FIT 8/220...240/180 CS PC	100 / 120 / 155 / 180 mA ⁸⁾	±7.5 %	< 5 %	≤1	≤0.4
OT FIT 8/220...240/180 CS PC SC	100 / 120 / 155 / 180 mA ⁸⁾	±7.5 %	< 5 %	≤1	≤0.4
OT FIT 14/220...240/350 CS PC	200 / 250 / 300 / 350 mA ⁸⁾	±7.5 %	< 5 %	≤1	≤0.4
OT FIT 18/220...240/450 CS PC	225 / 325 / 350 / 450 mA ⁸⁾	±7.5 %	< 5 %	≤1	≤0.4
OT FIT 18/220...240/450 CS PC SC	225 / 325 / 350 / 450 mA ⁸⁾	±7.5 %	< 5 %	≤1	≤0.4
OT FIT 30/220...240/700 CS PC	500 / 700 mA	±10 %	< 5 %	≤1	≤0.4
OT FIT 40/220...240/1A0 CS PC	800 / 900 / 950 / 1050 mA	±10 %	< 5 %	≤1	≤0.4
OT FIT 40/220...240/1A0 CS PC SC	800 / 900 / 950 / 1050 mA	±10 %	< 5 %	≤1	≤0.4

Product description	Nominal output power	Maximum output power	Galvanic isolation primary/secondary	Current set
OT FIT 7/220...240/180 CS PC	2.7...7.2 W	7.2 W	SELV	DipSwitch
OT FIT 8/220...240/180 CS PC	7.2 W ¹⁵⁾	7.2 W	SELV	DipSwitch
OT FIT 8/220...240/180 CS PC SC	7.2 W ¹⁵⁾	7.2 W	SELV	DipSwitch
OT FIT 14/220...240/350 CS PC	5.4...14 W	14 W	SELV	DipSwitch
OT FIT 18/220...240/450 CS PC	18 W ¹⁸⁾	18 W	SELV	DipSwitch
OT FIT 18/220...240/450 CS PC SC	18 W ¹⁸⁾	18 W	SELV	DipSwitch
OT FIT 30/220...240/700 CS PC	13.5...28 W	28 W	SELV	DipSwitch
OT FIT 40/220...240/1A0 CS PC	21.6...42 W	42 W	SELV	DipSwitch
OT FIT 40/220...240/1A0 CS PC SC	21.6...42 W	42 W	SELV	DipSwitch

Product family datasheet

Product description	Default output current	Max. ECG no. on circuit breaker 25 A (B)	Dimensions & weight		
			Product weight	Cable cross-section, input side	Cable cross-section, output side
OT FIT 7/220...240/180 CS PC	180 mA		60.00 g	0.5...1.5 mm ^{2 9)}	0.75...1.5 mm ^{2 9)}
OT FIT 8/220...240/180 CS PC	180 mA	-	59.20 g	0.75...1.5 mm ^{2 9)}	0.75...1.5 mm ^{2 9)}
OT FIT 8/220...240/180 CS PC SC	180 mA	-	59.20 g	0.75...1.5 mm ^{2 9)}	0.75...1.5 mm ^{2 9)}
OT FIT 14/220...240/350 CS PC	350 mA		60.00 g	0.75...1.5 mm ^{2 9)}	0.75...1.5 mm ^{2 9)}
OT FIT 18/220...240/450 CS PC	450 mA	-	77.70 g	0.75...1.5 mm ^{2 9)}	0.75...1.5 mm ^{2 9)}
OT FIT 18/220...240/450 CS PC SC	450 mA	-	77.70 g	0.75...1.5 mm ^{2 9)}	0.75...1.5 mm ^{2 9)}
OT FIT 30/220...240/700 CS PC	700 mA	-	109.00 g	0.5...1.5 mm ²	0.5...1.5 mm ²
OT FIT 40/220...240/1A0 CS PC	1050 mA	-	130.00 g	0.5...1.5 mm ²	0.5...1.5 mm ²
OT FIT 40/220...240/1A0 CS PC SC	1050 mA	-	130.00 g	0.5...1.5 mm ²	0.5...1.5 mm ²

Product description	Wire preparation length, input side	Wire preparation length, output side	Length	Width	Height	Mounting hole spacing, length
OT FIT 7/220...240/180 CS PC	8.0...9.0 mm	8.0...9.0 mm	130.0 mm	30.0 mm	22.2 mm	
OT FIT 8/220...240/180 CS PC	5...6 mm	5...6 mm	95.0 mm	50.0 mm	22.0 mm	
OT FIT 8/220...240/180 CS PC SC	5...6 mm	5...6 mm	95.0 mm	50.0 mm	22.0 mm	
OT FIT 14/220...240/350 CS PC	8.0...9.0 mm	8.0...9.0 mm	130.0 mm	30.0 mm	22.2 mm	
OT FIT 18/220...240/450 CS PC	5...6 mm	5...6 mm	95.0 mm	50.0 mm	22.0 mm	
OT FIT 18/220...240/450 CS PC SC	5...6 mm	5...6 mm	95.0 mm	50.0 mm	22.0 mm	
OT FIT 30/220...240/700 CS PC	7...8 mm	7...8 mm	95.0 mm	53.0 mm	30.0 mm	
OT FIT 40/220...240/1A0 CS PC	9.0...10.0 mm	9.0...10.0 mm	108.0 mm	67.0 mm	22.0 mm	99.0 mm
OT FIT 40/220...240/1A0 CS PC SC	9.0...10.0 mm	9.0...10.0 mm	108.0 mm	67.0 mm	22.0 mm	99.0 mm

Product description	Mounting hole spacing, width	Colors & materials	Temperatures & operating conditions		
		Casing material	Ambient temperature range	Maximum temperature at tc test point	Max.housing temperature in case of fault
OT FIT 7/220...240/180 CS PC		80% recycled plastic	-20...+50 °C	70 °C ¹⁰⁾	110 °C
OT FIT 8/220...240/180 CS PC		Plastic	-20...+50 °C	70 °C ¹⁰⁾	110 °C
OT FIT 8/220...240/180 CS PC SC		Plastic	-20...+50 °C	70 °C ¹⁰⁾	110 °C
OT FIT 14/220...240/350 CS PC		80% recycled plastic	-20...+50 °C	70 °C ¹⁰⁾	110 °C
OT FIT 18/220...240/450 CS PC		Plastic	-20...+50 °C	80 °C ¹⁰⁾	110 °C
OT FIT 18/220...240/450 CS PC SC		Plastic	-20...+50 °C	80 °C ¹⁰⁾	110 °C
OT FIT 30/220...240/700 CS PC		Plastic	-20...+50 °C	75 °C ¹⁰⁾	110 °C
OT FIT 40/220...240/1A0 CS PC	58.0 mm	Plastic	-20...+50 °C	80 °C ¹⁰⁾	110 °C
OT FIT 40/220...240/1A0 CS PC SC	58.0 mm	Plastic	-20...+50 °C	80 °C	110 °C

Product family datasheet

Product description	Temperature range at storage	Permitted rel. humidity during operation	Lifespan	Capabilities	
			ECG lifetime	Dimmable	Dimming interface
OT FIT 7/220...240/180 CS PC	-20...80 °C	5...85 % ¹¹⁾	50000 h ¹²⁾	Yes	Phase Cut ¹³⁾
OT FIT 8/220...240/180 CS PC	-20...80 °C	5...85 % ¹⁶⁾	30000 / 50000 h ¹⁷⁾	Yes	Phase Cut ¹³⁾
OT FIT 8/220...240/180 CS PC SC	-20...80 °C	5...85 % ¹⁶⁾	30000 / 50000 h ¹⁷⁾	Yes	Phase Cut ¹³⁾
OT FIT 14/220...240/350 CS PC	-40...+85 °C	5...85 % ¹¹⁾	35000 / 50000 h ¹²⁾	Yes	Phase Cut ¹³⁾
OT FIT 18/220...240/450 CS PC	-20...80 °C	5...85 % ¹⁶⁾	30000 / 50000 h ¹⁹⁾	Yes	Phase Cut ¹³⁾
OT FIT 18/220...240/450 CS PC SC	-20...80 °C	5...85 % ¹⁶⁾	30000 / 50000 h ¹⁹⁾	Yes	Phase Cut ¹³⁾
OT FIT 30/220...240/700 CS PC	-40...+85 °C	5...85 % ¹¹⁾	35000 / 50000 h ²⁰⁾	Yes	Phase Cut ¹³⁾
OT FIT 40/220...240/1A0 CS PC	-20...80 °C	5...85 % ¹⁶⁾	35000 / 50000 h ¹⁹⁾	Yes	Phase Cut ¹³⁾
OT FIT 40/220...240/1A0 CS PC SC	-40...+85 °C	5...85 % ¹¹⁾	35000 / 50000 h ¹⁹⁾	Yes	Phase Cut ¹³⁾

Product description	Dimming range	Dimming method	Overheating protection	Overload protection
OT FIT 7/220...240/180 CS PC	5...100 %	Amplitude Modulation	Automatic reversible	Automatic reversible
OT FIT 8/220...240/180 CS PC	5...100 %	Amplitude Modulation	Automatic reversible	Automatic reversible
OT FIT 8/220...240/180 CS PC SC	5...100 %	Amplitude Modulation	Automatic reversible	Automatic reversible
OT FIT 14/220...240/350 CS PC	5...100 %	Amplitude Modulation	Automatic reversible	Automatic reversible
OT FIT 18/220...240/450 CS PC	5...100 %	Amplitude Modulation	Automatic reversible	Automatic reversible
OT FIT 18/220...240/450 CS PC SC	5...100 %	Amplitude Modulation	Automatic reversible	Automatic reversible
OT FIT 30/220...240/700 CS PC	5...100 %	Amplitude Modulation	Automatic reversible	Automatic reversible
OT FIT 40/220...240/1A0 CS PC	5...100 %	Amplitude Modulation	Automatic reversible	Automatic reversible
OT FIT 40/220...240/1A0 CS PC SC	5...100 %	Amplitude Modulation	Automatic reversible	Automatic reversible

Product description	Short-circuit protection	No-load proof	Intended for no-load operation	Max. cable length to lamp/LED module
OT FIT 7/220...240/180 CS PC	Automatic reversible	Yes	No	2.0 m ¹⁴⁾
OT FIT 8/220...240/180 CS PC	Automatic reversible	Yes	No	2.0 m ¹⁴⁾
OT FIT 8/220...240/180 CS PC SC	Automatic reversible	Yes	No	2.0 m ¹⁴⁾

Product family datasheet

Product description	Short-circuit protection	No-load proof	Intended for no-load operation	Max. cable length to lamp/LED module
OT FIT 14/220...240/350 CS PC	Automatic reversible	Yes		2.0 m ¹⁴⁾
OT FIT 18/220...240/450 CS PC	Automatic reversible	Yes	No	2.0 m ¹⁴⁾
OT FIT 18/220...240/450 CS PC SC	Automatic reversible	Yes	No	2.0 m ¹⁴⁾
OT FIT 30/220...240/700 CS PC	Automatic reversible	Yes	No	2.0 m ¹⁴⁾
OT FIT 40/220...240/1A0 CS PC	Automatic reversible	Yes	No	2.0 m ¹⁴⁾
OT FIT 40/220...240/1A0 CS PC SC	Automatic reversible	Yes	No	2.0 m ¹⁴⁾

Product description	Suitable for fixtures with prot. class	Type of connection, input side	Type of connection, output side	Number of channels
OT FIT 7/220...240/180 CS PC	I / II	Push terminal	Push terminal	1
OT FIT 8/220...240/180 CS PC	I / II	Push terminal	Push terminal	1
OT FIT 8/220...240/180 CS PC SC	I / II	Screw terminal	Screw terminal	1
OT FIT 14/220...240/350 CS PC	I / II	Push terminal	Push terminal	1
OT FIT 18/220...240/450 CS PC	I / II	Push terminal	Push terminal	1
OT FIT 18/220...240/450 CS PC SC	I / II	Screw terminal	Screw terminal	1
OT FIT 30/220...240/700 CS PC	I / II	Push terminal	Push terminal	1
OT FIT 40/220...240/1A0 CS PC	I / II	Push terminal	Push terminal	1
OT FIT 40/220...240/1A0 CS PC SC	I / II	Screw terminal	Screw terminal	1

			Programming	Certificates & standards
Product description	Suitable for through-wiring	Control interface	Programming device	Approval marks – approval
OT FIT 7/220...240/180 CS PC	No		DIPswitch	CCC / CE / UKCA / ENEC
OT FIT 8/220...240/180 CS PC	No		DIPswitch	CE / CCC / ENEC / EAC / RCM
OT FIT 8/220...240/180 CS PC SC	No		DIPswitch	CE / CCC / ENEC / EAC / RCM
OT FIT 14/220...240/350 CS PC	No		DIPswitch	CCC / CE / UKCA / ENEC
OT FIT 18/220...240/450 CS PC	No		DIPswitch	CE / CCC / ENEC / EAC / RCM
OT FIT 18/220...240/450 CS PC SC	No		DIPswitch	CE / CCC / ENEC / EAC / RCM
OT FIT 30/220...240/700 CS PC	No	-		CE
OT FIT 40/220...240/1A0 CS PC	No	-	DIPswitch	CE
OT FIT 40/220...240/1A0 CS PC SC	No		DIPswitch	CE / ENEC / EAC

Product family datasheet

Product description	Standards	Protection class	Type of protection	Logistical data
				Commodity code
OT FIT 7/220...240/180 CS PC	Acc. to IEC 61347-1/Acc. to IEC 61347-2-3/Acc. to IEC 62384/Acc. to IEC 61547/Acc. to IEC 61000-3-3/Acc. to EN 61000-3-2	I,II	IP20	85044083900
OT FIT 8/220...240/180 CS PC	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547	I,II	IP20	85044083900
OT FIT 8/220...240/180 CS PC SC	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547	II	IP20	85044083900
OT FIT 14/220...240/350 CS PC	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61547/Acc. to IEC 61000-3-3	I,II	IP20	85044083900
OT FIT 18/220...240/450 CS PC	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547	I,II	IP20	85044083900
OT FIT 18/220...240/450 CS PC SC	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547	I,II	IP20	85044083900
OT FIT 30/220...240/700 CS PC	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 6100-4-5/Acc. to IEC 61547	I,II	IP20	85044083900

Product family datasheet

Product description	Standards	Protection class	Type of protection	Logistical data
				Commodity code
OT FIT 40/220...240/1A0 CS PC	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61547/Acc. to IEC 61000-3-3	I,II	IP20	85044083900
OT FIT 40/220...240/1A0 CS PC SC	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 61547/Acc. to IEC 61000-3-3	II	IP20	85044083900

Product description	Environmental information			
	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	CAS No. of substance 1
OT FIT 7/220...240/180 CS PC	25-08-2023	4062172286541	Lead	7439-92-1
OT FIT 8/220...240/180 CS PC	26-05-2023	4062172007535	Lead	7439-92-1
OT FIT 8/220...240/180 CS PC SC	23-08-2023	4062172088688	Lead	7439-92-1
OT FIT 14/220...240/350 CS PC	29-05-2023	4062172286503	Lead	7439-92-1
OT FIT 18/220...240/450 CS PC	01-12-2023	4062172007559	Lead	7439-92-1
OT FIT 18/220...240/450 CS PC SC	16-08-2023	4062172088701	Lead	7439-92-1
OT FIT 30/220...240/700 CS PC	23-08-2023	4052899617308	Lead	7439-92-1
OT FIT 40/220...240/1A0 CS PC	25-10-2023	4052899617261	Lead	7439-92-1
OT FIT 40/220...240/1A0 CS PC SC	06-09-2023	4062172131438	Lead	7439-92-1

Product description	Safe Use Instruction	Declaration No. in SCIP database
OT FIT 7/220...240/180 CS PC	The identification of the Candidate List substance is sufficient to allow safe use of the article.	73cb25ed-8d1b-4460-9a34-648ebf6a2c3c
OT FIT 8/220...240/180 CS PC	The identification of the Candidate List substance is sufficient to allow safe use of the article.	5959b457-d8b7-4c6c-a952-b34652d3d5b0
OT FIT 8/220...240/180 CS PC SC	The identification of the Candidate List substance is sufficient to allow safe use of the article.	30313dd9-88be-4617-a1ca-f3a6846237d7

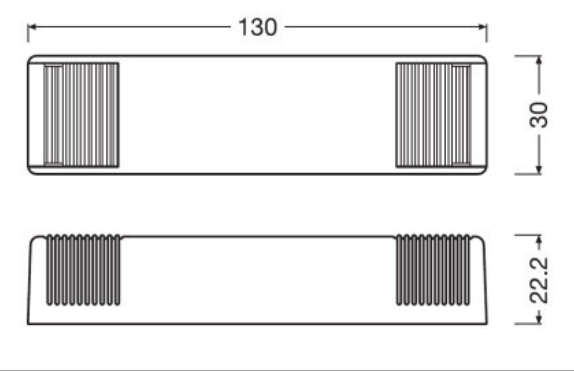
Product description	Safe Use Instruction	Declaration No. in SCIP database
OT FIT 14/220...240/350 CS PC	The identification of the Candidate List substance is sufficient to allow safe use of the article.	83c6f964-d691-408d-998d-5b1daf285163
OT FIT 18/220...240/450 CS PC	The identification of the Candidate List substance is sufficient to allow safe use of the article.	c98d9558-8d50-43eb-95cc-7d89c7f079f8
OT FIT 18/220...240/450 CS PC SC	The identification of the Candidate List substance is sufficient to allow safe use of the article.	11f5e87b-407e-45b2-8a99-08c2e4a81616
OT FIT 30/220...240/700 CS PC	The identification of the Candidate List substance is sufficient to allow safe use of the article.	9bb8ced1-6cd2-4aca-bb2e-b4da1b28f39f
OT FIT 40/220...240/1A0 CS PC	The identification of the Candidate List substance is sufficient to allow safe use of the article.	e6f39904-7e2f-4b15-9a74-439189078cd8
OT FIT 40/220...240/1A0 CS PC SC	The identification of the Candidate List substance is sufficient to allow safe use of the article.	b1331faf-ff1f-4c93-bf03-e52d1148a635

- 1) Permitted voltage range
- 2) Full load, 230V, 50 Hz
- 3) Full load at 230 V/Minimum load at 230 V
- 4) at 230 V, 50 Hz
- 5) Maximum
- 6) $t_{width} = 100 \mu s$ (measured at 50 % I_{peak})
- 7) Maximum 60 V
- 8) $\pm 7,5\%$
- 9) Flexible
- 10) Maximum at the Tc-point
- 11) Maximum 56 days/year at 85 %
- 12) At maximum $T_c = 70^{\circ}C$ / 10% failure rate
- 13) Leading edge
- 14) Output wires must be routed as close as possible to each other

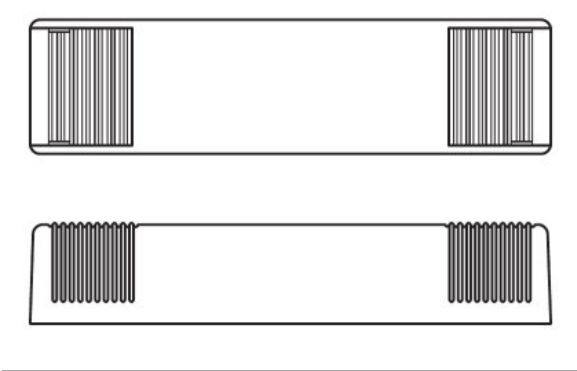
Product family datasheet

- 15) Partial load 2.7...7.2W
- 16) Non-condensing
- 17) At $T_{\text{case}} = 70^{\circ}\text{C}$ at T_{c} point / 10% failure rate
- 18) Partial load 6.1...18W
- 19) At maximum $T_{\text{c}} = 80^{\circ}\text{C}$ / 10% failure rate
- 20) At $T_{\text{case}} = 75^{\circ}\text{C}$ at T_{c} point / 10% failure rate
- 21) At Full load, 230 V, 50 Hz

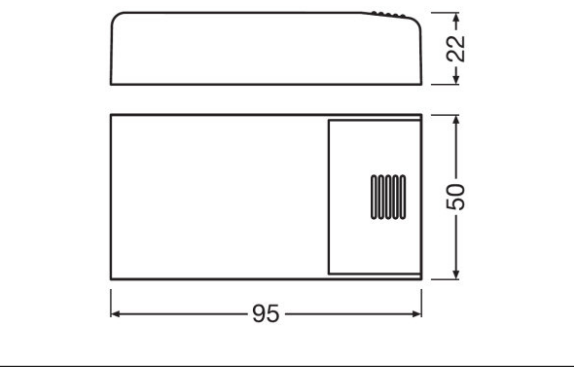
Product family datasheet



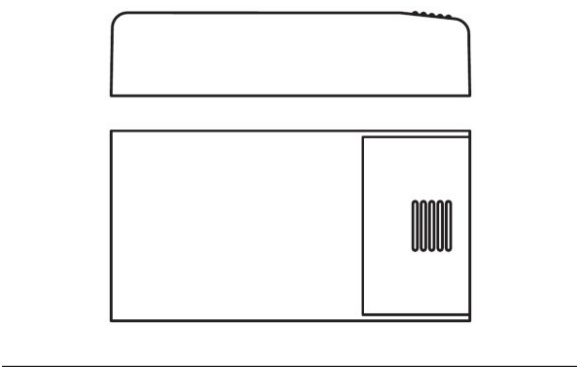
Line drawing of OT FIT 7220-240180 CS PC



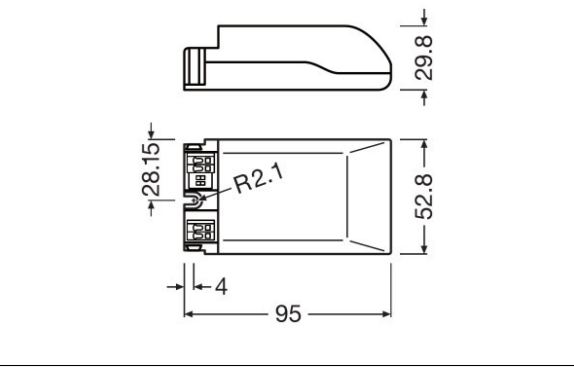
Line drawing of OT FIT 7220-240180 CS PC



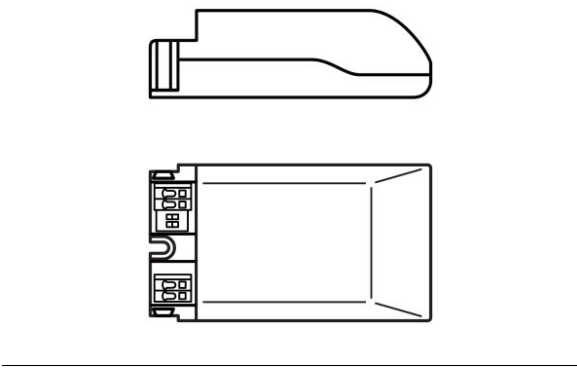
Line Drawing of OT FIT 818 PC CS



Line Drawing of OT FIT 818 PC CS

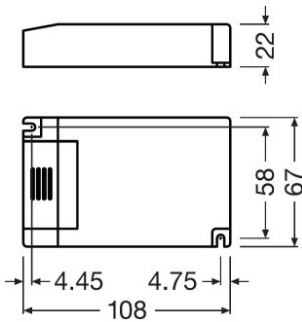


Line drawing of OT FIT 30220-240700 CS PC

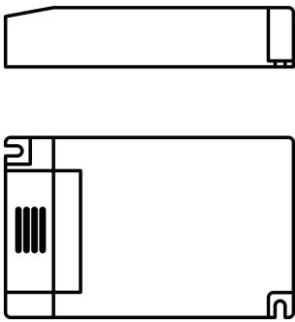


Line drawing of OT FIT 30220-240700 CS PC

Product family datasheet



Line drawing of OT FIT 40220-2401A0 CS PC



Line drawing of OT FIT 40220-2401A0 CS PC

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 UI of 15111270 OT FIT 7W 14W CS PC
	Certificates CB of OT FIT 7 220 240 180 CS PC NL 79436 4384128.50 20220309
	Certificates ENEC of OT FIT 7 220-240 180 CS PC 35 122870 20220309
	CAD data OT FIT PC STEP 270722
	CAD data 3-dim OT FIT PC CAD3PDF 270722
	User instruction OPTOTRONIC LED Power Supply
	User instruction OPTOTRONIC LED Power Supply
	Addon Technical Information OT FIT 8 PC CS DL 270120
	Certificates OT FIT CS PC ENEC 35 110400 110221

Product family datasheet

	Certificates OT FIT CS PC CCC 2019171002002702 110221
	Declarations of conformity OT FIT CS PC CE 3789414 170522
	Declarations of conformity OT FIT CS PC UK DoC 4290101 170522
	CAD data OT FIT 8 18 CS PC STEP 160620
	Addon Technical Information OT FIT 18 PC CS DL 270120
	User instruction OPTOTRONIC LED Power Supply
	Addon Technical Information OT FIT 30 PC CS DL 181120
	Certificates OT FIT 30 CS PC NSW28276 110221
	Certificates OT FIT 30 CS PC CCC 2020171002003110 110221
	Certificates OT FIT 30 CS PC CCC 2020171002003109 110221
	Certificates OT FIT 30 CS PC ENEC 35 112936 110221
	CAD data OT FIT 30 CS PC STEP 170423
	User instruction OPTOTRONIC LED Power Supply
	Addon Technical Information OT FIT 40 PC CS DL 181120
	Certificates OT FIT 40 CS PC ENEC 35 114114 110221
	Certificates OT FIT 40 CS PC RCM GMA 507142 EA 231023
	CAD data OT FIT 40 CS PC STEP 290621
	CAD data 3-dim OT FIT 40 CS PC CAD3PDF 290621
	User instruction OPTOTRONIC LED Power Supply

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
4062172286541	OT FIT 7/220...240/180 CS PC	Shipping carton box 20	396 mm x 162 mm x 67 mm	4.30 dm ³	1365.00 g
4062172007535	OT FIT 8/220...240/180 CS PC	Shipping carton box 20	264 mm x 202 mm x 64 mm	3.41 dm ³	1185.00 g
4062172088688	OT FIT 8/220...240/180 CS PC SC	Shipping carton box 20	264 mm x 202 mm x 64 mm	3.41 dm ³	1185.00 g
4062172286503	OT FIT 14/220...240/350 CS PC	Shipping carton box 20	396 mm x 162 mm x 67 mm	4.30 dm ³	1365.00 g
4062172007559	OT FIT 18/220...240/450 CS PC	Shipping carton box 20	264 mm x 202 mm x 64 mm	3.41 dm ³	1555.00 g
4062172088701	OT FIT 18/220...240/450 CS PC SC	Shipping carton box 20	264 mm x 202 mm x 64 mm	3.41 dm ³	1555.00 g
4052899617308	OT FIT 30/220...240/700 CS PC	Shipping carton box 20	284 mm x 207 mm x 100 mm	5.88 dm ³	2458.00 g
4052899617261	OT FIT 40/220...240/1A0 CS PC	Shipping carton box 20	347 mm x 228 mm x 64 mm	5.06 dm ³	2762.00 g
4062172131438	OT FIT 40/220...240/1A0 CS PC SC	Shipping carton box 20	347 mm x 228 mm x 64 mm	5.06 dm ³	2762.00 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
OT FIT 30/220...240/700 CS PC	OT CABLE CLAMP E-STYLE	▶ 4052899167896

Disclaimer

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