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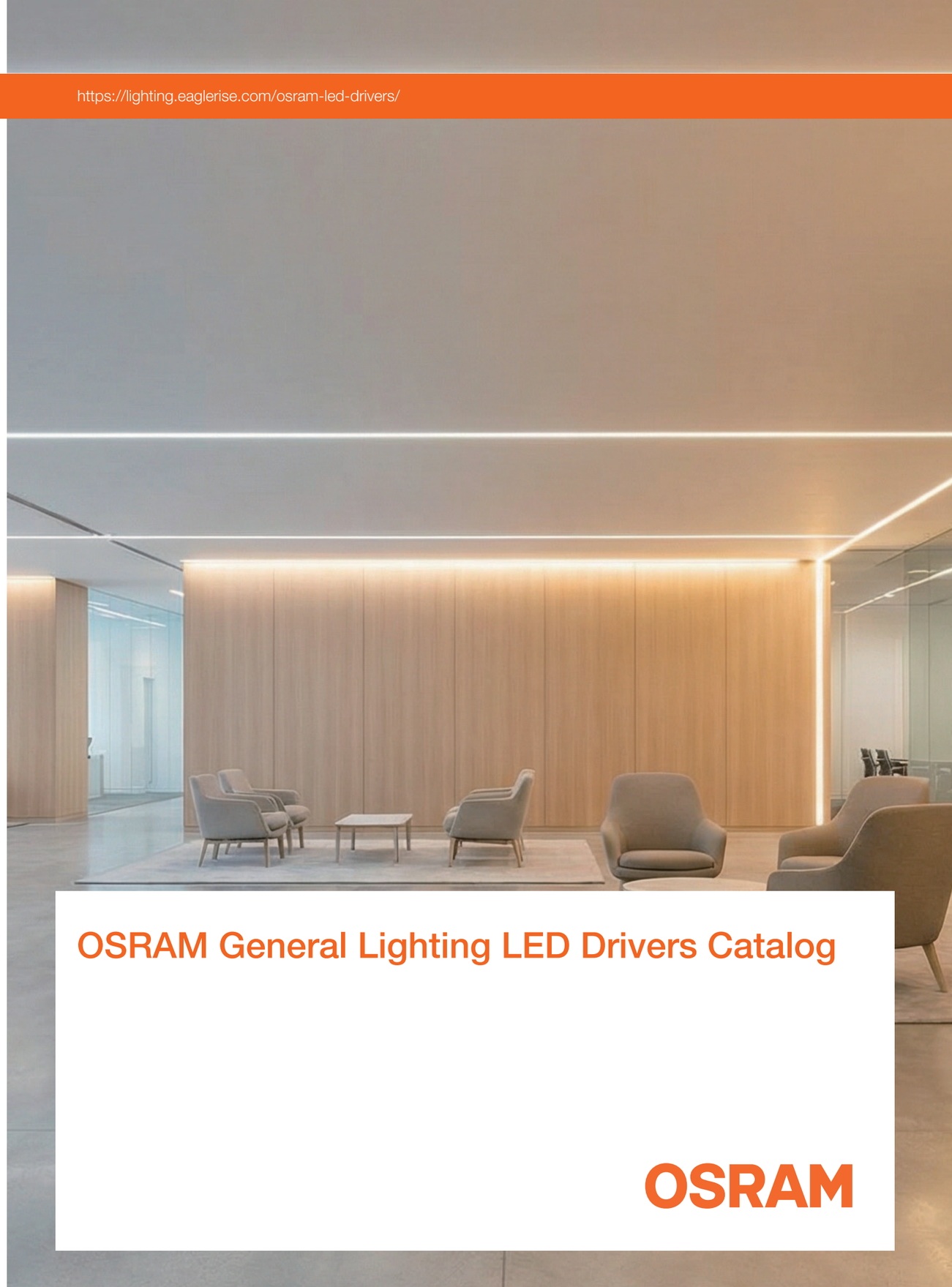
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OSRAM General Lighting LED Drivers Catalog

OSRAM

Contents

Naming Rules 2

Product Overview 3

Linear Series

ITS DALI-2 N CS L Series 9
ITS FIX N CS L Series 10
ITS FIX N CS L CCT Series 11
EMS N CS L Series 12

ITS DALI-2 CS L Series 13
ITS FIX CS L Series 14

Compact Series

ITS DALI-2 CS Series 16
ITS FIX CS Series 17

EMS HPF Series 18
EMS Panel Series 19
EMS LPF Series 20

Track Series

ITS CS T HE Series 22
ITS CS T Series 23

CV Series

OTS DALI NFC CV Series 25
ITS FIX CV Series 26
EMS CQC Switching Power Supply Series 27
EMS Switching Power Supply Series 28

Accessories 30

Naming Rules

OTS DT8 42/220-240/1050 N NFC L 16H CCT LPF HE G2

Product Series

OTS: Optimum Technical Solution
ITS: Integrated Technical Solution
EMS: Economic Technical Solution

Dimming Mode

FIX: Non-dimmable
DALI-2: DALI-2 DT6
DT8: DALI-2 DT8
D4i: D4i
CSB: CASAMBI
TR: TRIAC
0-10: 0-10V
WIFI: WIFI
Zg: Zigbee

Output Power

9: 9W
42: 42W
150: 150W

Input Voltage

220-240: 220-240VAC
100-277: 100-277VAC

Output Current/ Voltage

1050: 1050mA(CC)
24: 24V(CV)

Isolated Mode

Blank: Isolated
N: Non-isolated

Features

IND: For Industry application
NFC: Near-Field Communication, driver can be programed by NFC programmer
CS: Current select, output current can be set by dip switch setting
TW: Tunable White, 2 Channel output forcold/warm color mixture application
SPS: Switching Power Supply

Shape

Blank: Rectangular plastic housing
L: Linear type driver 21mm height
L 16H: Linear type driver 16mm height
L 11H: Linear type driver 11mm height
T-W: Track driver, White
T-B: Track driver, Black
T-G: Track driver, Grey
R: Round
M: Metal

CCT Adjustable

Blank: Normal
CCT: CCT Adjustable

Power Factor

Blank: PF>0.9
LPF: Low PF

Efficiency

Blank: Normal
HE: High efficiency

Generation

Blank: Generation 1
G2: Generation 2

Product Overview

Linear Series

ITS DALI-2 N CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS DALI-2 40/220-240/450 N CS L	61211019	40W	220-240VAC	80-450mA	50-230V	93%	0.95	280*30*21mm
	ITS DALI-2 80/220-240/550 N CS L	61211029	80W	220-240VAC	80-550mA	50-230V	94%	0.95	280*30*21mm
	ITS DALI-2 100/220-240/900 N CS L	61211039	100W	220-240VAC	150-900mA	50-230V	94.5%	0.95	280*30*21mm
P9	ITS DALI-2 150/220-240/1050 N CS L	61211049	150W	220-240VAC	300-1050mA	50-230V	95%	0.95	360*30*21mm

ITS FIX N CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 20/220-240/350 N CS L	61204019	20W	220-240VAC	200-350mA	25-100V	90%	0.95	168*30*21mm
	ITS FIX 40/220-240/350 N CS L	61204029	40W	220-240VAC	200-350mA	40-200V	94%	0.95	168*30*21mm
	ITS FIX 65/220-240/350 N CS L	61204039	65W	220-240VAC	200-350mA	70-200V	94%	0.95	210*30*21mm
P10	ITS FIX 80/220-240/550 N CS L	61204049	80W	220-240VAC	200-550mA	40-220V	95%	0.95	210*30*21mm

ITS FIX N CS L CCT Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 20/220-240/350 N CS L CCT	61204079	20W	220-240VAC	200-350mA	25-100V	90%	0.95	168*30*21mm
	ITS FIX 40/220-240/350 N CS L CCT	61204089	40W	220-240VAC	200-350mA	40-200V	94%	0.95	168*30*21mm
	ITS FIX 65/220-240/350 N CS L CCT	61204099	65W	220-240VAC	200-350mA	70-200V	94%	0.95	210*30*21mm
P11	ITS FIX 80/220-240/550 N CS L CCT	61204109	80W	220-240VAC	200-550mA	40-220V	95%	0.95	210*30*21mm

EMS N CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	EMS 20/220-240/350 N CS L	61210019	20W	220-240VAC	200-350mA	25-100V	86%	0.95	168*30*21mm
	EMS 40/220-240/350 N CS L	61210029	40W	220-240VAC	200-350mA	40-200V	90%	0.95	168*30*21mm
	EMS 60/220-240/350 N CS L	61210039	60W	220-240VAC	200-350mA	70-200V	92%	0.95	190*30*21mm
P12	EMS 80/220-240/350 N CS L	61210049	80W	220-240VAC	350-550mA	40-220V	93%	0.95	210*30*21mm

Linear Series

ITS DALI-2 CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS DALI-2 40/220-240/1050 CS L	61114019	40W	220-240VAC	150-1050mA	10-54V	90%	0.95	280*30*21mm
	ITS DALI-2 60/220-240/1500 CS L	61114029	60W	220-240VAC	500-1500mA	10-54V	90%	0.95	280*30*21mm
P13	ITS DALI-2 80/220-240/2000 CS L	61114039	80W	220-240VAC	700-2000mA	10-54V	90%	0.95	360*30*21mm

ITS FIX CS L Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 30/220-240/700 CS L	61215019	30W	220-240VAC	350-700mA	24-51V	89%	0.95	190*30*21mm
	ITS FIX 42/220-240/1050 CS L	61215029	42W	220-240VAC	700-1050mA	24-51V	89%	0.95	190*30*21mm
	ITS FIX 60/220-240/1500 CS L	61215039	60W	220-240VAC	900-1500mA	24-51V	90%	0.95	210*30*21mm
P14	ITS FIX 80/220-240/2000 CS L	61215049	80W	220-240VAC	1300-2000mA	24-51V	91%	0.95	280*30*21mm

Compact Series

ITS DALI-2 CS Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS DALI-2 15/220-240/350 CS	61102019	15W	220-240VAC	100-350mA	9-42V	85%	0.95	130*29*21mm
	ITS DALI-2 20/220-240/500 CS	61102029	20W	220-240VAC	150-500mA	10-45V	87%	0.95	97*43*25mm
	ITS DALI-2 30/220-240/700 CS	61102039	30W	220-240VAC	350-700mA	10-45V	90%	0.95	97*43*25mm
	ITS DALI-2 42/220-240/1050 CS	61102049	42W	220-240VAC	700-1050mA	10-45V	90%	0.95	97*43*25mm
P15	ITS DALI-2 60/220-240/1500 CS	61102059	60W	220-240VAC	800-1500mA	15-48V	90%	0.95	113*43*25mm

ITS FIX CS Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 20/220-240/500 CS	61101019	20W	220-240VAC	150-500mA	23-42V	88%	0.95	97*43*25mm
	ITS FIX 30/220-240/700 CS	61101029	30W	220-240VAC	350-700mA	23-42V	88%	0.95	97*43*25mm
	ITS FIX 42/220-240/1050 CS	61101039	42W	220-240VAC	700-1050mA	23-42V	90%	0.95	97*43*25mm
P16	ITS FIX 60/220-240/1500 CS	61101049	60W	220-240VAC	800-1500mA	24-42V	90%	0.95	113*43*25mm

Compact Series

EMS HPF Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	EMS 5/220-240/120	61108019	5W	220-240VAC	120mA	27-42V	74%	0.95	92*28*21mm
	EMS 6/220-240/150	61108029	6W	220-240VAC	150mA	27-42V	77%	0.95	92*28*21mm
	EMS 8/220-240/200	61108039	8W	220-240VAC	200mA	27-42V	79%	0.95	92*28*21mm
	EMS 10/220-240/250	61108049	10W	220-240VAC	250mA	27-42V	80%	0.95	92*28*21mm
	EMS 12/220-240/300	61108059	12W	220-240VAC	300mA	27-42V	82%	0.95	92*28*21mm
	EMS 15/220-240/350	61108069	15W	220-240VAC	350mA	27-42V	83%	0.95	92*28*21mm
	EMS 16/220-240/400	61108079	16W	220-240VAC	400mA	27-42V	86%	0.95	103*43*29mm
	EMS 18/220-240/450	61108089	18W	220-240VAC	450mA	27-42V	86%	0.95	103*43*29mm
	EMS 20/220-240/500	61106019	20W	220-240VAC	500mA	27-42V	87%	0.95	103*43*29mm
	EMS 25/220-240/600	61106029	25W	220-240VAC	600mA	27-42V	87%	0.95	103*43*29mm
	EMS 30/220-240/700	61106039	30W	220-240VAC	700mA	27-42V	87%	0.95	103*43*29mm
	EMS 32/220-240/750	61106049	32W	220-240VAC	750mA	27-42V	87%	0.95	103*43*29mm
	EMS 33/220-240/800	61106059	33W	220-240VAC	800mA	27-42V	89%	0.95	103*43*29mm
	EMS 35/220-240/850	61106069	35W	220-240VAC	850mA	27-42V	89%	0.95	103*43*29mm
	EMS 36/220-240/900	61106079	36W	220-240VAC	900mA	27-42V	89%	0.95	103*43*29mm
	EMS 38/220-240/950	61106089	38W	220-240VAC	950mA	27-42V	89%	0.95	103*43*29mm
	EMS 40/220-240/1000	61106099	40W	220-240VAC	1000mA	27-42V	89%	0.95	103*43*29mm
P18	EMS 42/220-240/1050	61106109	42W	220-240VAC	1050mA	27-40V	90%	0.95	103*43*29mm

EMS Panel Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	EMS 20/20-240/500 CLS II	61109129	20W	220-240VAC	500mA	24-42V	87%	0.95	116*38*26mm
	EMS 25/20-240/600 CLS II	61109019	25W	220-240VAC	600mA	24-42V	87%	0.95	116*38*26mm
	EMS 28/20-240/650 CLS II	61109029	28W	220-240VAC	650mA	24-42V	87%	0.95	116*38*26mm
	EMS 30/20-240/700 CLS II	61109039	30W	220-240VAC	700mA	24-42V	87%	0.95	116*38*26mm
	EMS 32/20-240/750 CLS II	61109049	32W	220-240VAC	750mA	24-42V	87%	0.95	116*38*26mm
	EMS 33/20-240/800 CLS II	61109059	33W	220-240VAC	800mA	24-42V	87%	0.95	116*38*26mm
	EMS 35/20-240/850 CLS II	61109069	35W	220-240VAC	850mA	24-42V	87%	0.95	116*38*26mm
	EMS 36/20-240/900 CLS II	61109079	36W	220-240VAC	900mA	24-42V	89%	0.95	116*38*26mm
	EMS 38/20-240/950 CLS II	61109089	38W	220-240VAC	950mA	24-42V	89%	0.95	116*38*26mm
	EMS 40/20-240/1000 CLS II	61109099	40W	220-240VAC	1000mA	24-40V	89%	0.95	116*38*26mm
	EMS 42/20-240/1050 CLS II	61109109	42W	220-240VAC	1050mA	24-38.5V	89%	0.95	116*38*26mm
P19	EMS 50/20-240/1200 CLS II	61109119	50W	220-240VAC	1200mA	24-42V	89%	0.95	116*38*26mm

Compact Series

EMS LPF Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	EMS 4/220-240/100 LPF	61107019	4W	220-240VAC	100mA	30-40V	80%	0.60	92*28*21mm
	EMS 5/220-240/120 LPF	61107029	5W	220-240VAC	120mA	30-40V	80%	0.60	92*28*21mm
	EMS 6/220-240/150 LPF	61107039	6W	220-240VAC	150mA	30-40V	80%	0.60	92*28*21mm
	EMS 7/220-240/180 LPF	61107049	7W	220-240VAC	180mA	30-40V	80%	0.60	92*28*21mm
	EMS 8/220-240/200 LPF	61107059	8W	220-240VAC	200mA	30-40V	80%	0.60	92*28*21mm
	EMS 9/220-240/220 LPF	61107069	9W	220-240VAC	220mA	30-40V	80%	0.60	92*28*21mm
	EMS 10/220-240/250 LPF	61107079	10W	220-240VAC	250mA	30-40V	82%	0.60	92*28*21mm
	EMS 11/220-240/280 LPF	61107089	11W	220-240VAC	280mA	30-40V	82%	0.60	92*28*21mm
	EMS 12/220-240/300 LPF	61107099	12W	220-240VAC	300mA	30-40V	82%	0.60	92*28*21mm
	EMS 15/220-240/350 LPF	61107109	15W	220-240VAC	350mA	30-40V	82%	0.60	92*28*21mm
	EMS 18/220-240/450 LPF	61107119	18W	220-240VAC	450mA	30-40V	85%	0.55	92*36*25mm
P20	EMS 20/220-240/500 LPF	61107129	20W	220-240VAC	500mA	30-40V	85%	0.55	92*36*25mm

Track Series

ITS CS T HE Series

	Model		Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 18/220-240/450 CS T-W HE	(White)	61303029	18W	220-240VAC	300-450mA	27-40V	92%	0.95	133*31*42mm
	ITS FIX 18/220-240/450 CS T-B HE	(Black)	61303028							
	ITS FIX 18/220-240/450 CS T-G HE	(Grey)	61303027							
	ITS FIX 26/220-240/650 CS T-W HE	(White)	61303039	26W	220-240VAC	500-650mA	27-40V	92%	0.95	133*31*42mm
	ITS FIX 26/220-240/650 CS T-B HE	(Black)	61303038							
	ITS FIX 26/220-240/650 CS T-G HE	(Grey)	61303037							
	ITS FIX 34/220-240/850 CS T-W HE	(White)	61303049	34W	220-240VAC	700-850mA	27-40V	93%	0.95	133*31*42mm
	ITS FIX 34/220-240/850 CS T-B HE	(Black)	61303048							
	ITS FIX 34/220-240/850 CS T-G HE	(Grey)	61303047							
	ITS FIX 42/220-240/1050 CS T-W HE	(White)	61303059	42W	220-240VAC	900-1050mA	27-40V	93%	0.95	133*31*42mm
	ITS FIX 42/220-240/1050 CS T-B HE	(Black)	61303058							
P22	ITS FIX 42/220-240/1050 CS T-G HE	(Grey)	61303057							

ITS CS T Series

	Model		Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
	ITS FIX 20/220-240/500 CS T-W	(White)	61312019	20W	220-240VAC	150-500mA	15-40V	89%	0.95	133*31*42mm
	ITS FIX 20/220-240/500 CS T-B	(Black)	61312018							
	ITS FIX 20/220-240/500 CS T-G	(Grey)	61312017							
	ITS FIX 40/220-240/1050 CS T-W	(White)	61312029	40W	220-240VAC	300-1050mA	9-40V	90%	0.95	133*31*42mm
	ITS FIX 40/220-240/1050 CS T-B	(Black)	61312028							
P23	ITS FIX 40/220-240/1050 CS T-G	(Grey)	61312027							

CV Series

OTS DALI NFC CV Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
 P25	OTS DALI-2 50/220-240/24 NFC	62113019	50W	220-240VAC	0-2.08A	24V	90%	0.95	200*39*30mm
	OTS DALI-2 80/220-240/24 NFC	62113029	80W	220-240VAC	0-3.33A	24V	91%	0.95	259*39*30mm
	OTS DALI-2 160/220-240/24 NFC	62113039	160W	220-240VAC	0-6.66A	24V	91%	0.95	350*45*30mm
	OTS DALI-2 250/220-240/24 NFC	62113049	250W	220-240VAC	0-10.416A	24V	92%	0.95	405*45*30.5mm

ITS FIX CV Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
 P26	ITS FIX 30/220-240/12	62105019	30W	220-240VAC	0-2.5A	12V	85%	0.95	168*39*28mm
	ITS FIX 30/220-240/24	62105029	30W	220-240VAC	0-1.25A	24V	85%	0.95	168*39*28mm
	ITS FIX 60/220-240/12	62105039	60W	220-240VAC	0-5A	12V	89%	0.95	200*39*30mm
	ITS FIX 60/220-240/24	62105049	60W	220-240VAC	0-2.5A	24V	89%	0.95	200*39*30mm
	ITS FIX 120/220-240/12	62105059	120W	220-240VAC	0-10A	12V	91%	0.95	259*39*30mm
	ITS FIX 120/220-240/24	62105069	120W	220-240VAC	0-5A	24V	93%	0.95	259*39*30mm
	ITS FIX 180/220-240/24	62105079	180W	220-240VAC	0-7.5A	24V	93%	0.95	350*45*30mm
	ITS FIX 250/220-240/24	62105089	250W	220-240VAC	0-10.416A	24V	93%	0.95	350*45*30mm

EMS CQC Switching Power Supply Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
 P27	EMS 60/220-240/24 SPS LPF	62116019	60W	220-240VAC	0-2.5A	24V	89%	0.50	128*37*27.5mm
	EMS 100/220-240/24 SPS LPF	62116029	100W	220-240VAC	0-4.17A	24V	89%	0.50	162*51*27.5mm
	EMS 150/220-240/24 SPS LPF	62116039	150W	220-240VAC	0-6.25A	24V	90%	0.50	200*51*27.5mm
	EMS 200/220-240/24 SPS LPF	62116049	200W	220-240VAC	0-8.33A	24V	90%	0.50	200*51*27.5mm
	EMS 300/220-240/24 SPS LPF	62116059	300W	220-240VAC	0-12.5A	24V	91%	0.50	250*51*27.5mm
	EMS 400/220-240/24 SPS LPF	62116069	400W	220-240VAC	0-16.66A	24V	93%	0.50	280*51*27.5mm

EMS Switching Power Supply Series

	Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
 P28	EMS 60/220-240/24 SPS	62117019	60W	100-240VAC	0-2.5A	24V	88.5%	0.90	141*55*27mm
	EMS 100/220-240/24 SPS	62117029	100W	100-240VAC	0-4.17A	24V	88.5%	0.90	152*55*27mm
	EMS 150/220-240/24 SPS	62117039	150W	100-240VAC	0-6.25A	24V	92%	0.90	172*55*27mm
	EMS 200/220-240/24 SPS	62117049	200W	100-240VAC	0-8.33A	24V	92%	0.90	195*55*27mm
	EMS 300/220-240/24 SPS	62117059	300W	100-240VAC	0-12.5A	24V	92.5%	0.90	224*62*32mm
	EMS 400/220-240/24 SPS	62117069	400W	100-240VAC	0-16.66A	24V	93.5%	0.90	231*79*32mm

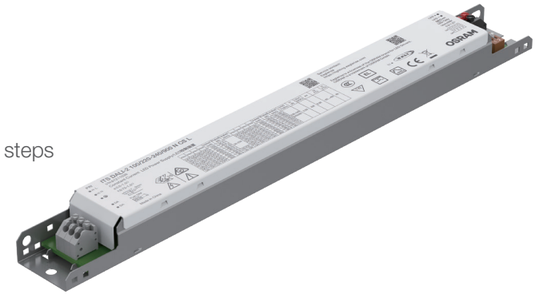


LINEAR SERIES

Suitable for linear light and tri-poof light

ITS DALI-2 N CS L Series

- Suitable for class I and class II luminaires
- Non-Isolated
- For built-in or independent (with side caps) use
- Protections: SCP/ OLP/ OVP/ OTP
- DALI Parts 251, 252 and 253
- High efficiency up to 95%
- Power Factor 0.95
- Adjustable output current with DIP-switch, 10-16 current steps
- EOFI=15%
- Ta range: -20...+60°C



DALI-2 | CLO | EL | 2/2kV Surge | Corridor Mode | PUSH DIM | 5 YEARS WARRANTY | OSRAM Configurator

Optional accessories
Item NO.: 63201019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS DALI-2 40/220-240/450 N CS L	61211019	40W	220-240VAC	80-450mA	50-230V	93%	0.95	280*30*21mm
ITS DALI-2 80/220-240/550 N CS L	61211029	80W	220-240VAC	80-550mA	50-230V	94%	0.95	280*30*21mm
ITS DALI-2 100/220-240/900 N CS L	61211039	100W	220-240VAC	150-900mA	50-230V	94.5%	0.95	280*30*21mm
ITS DALI-2 150/220-240/1050 N CS L	61211049	150W	220-240VAC	300-1050mA	50-230V	95%	0.95	360*30*21mm

ITS FIX N CS L Series

- Suitable for class I luminaires
- Non-Isolated
- For built-in or independent (with side caps) use
- Protections: SCP/ OLP/ OVP/ OTP
- Power Factor 0.95
- Efficiency up to 95%
- Adjustable output current with DIP-switch
- EOFI=100%
- Ta range: -20...+60°C



EL | 2/2kV Surge | 5 YEARS WARRANTY

Optional accessories
Item NO.: 63201019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 20/220-240/350 N CS L	61204019	20W	220-240VAC	200-350mA	25-100V	90%	0.95	168*30*21mm
ITS FIX 40/220-240/350 N CS L	61204029	40W	220-240VAC	200-350mA	40-200V	94%	0.95	168*30*21mm
ITS FIX 65/220-240/350 N CS L	61204039	65W	220-240VAC	200-350mA	70-200V	94%	0.95	210*30*21mm
ITS FIX 80/220-240/550 N CS L	61204049	80W	220-240VAC	200-550mA	40-220V	95%	0.95	210*30*21mm

ITS FIX N CS L CCT Series

· Suitable for class I luminaires
· Non-Isolated
· For built-in or independent (with side caps) use
· Protections: SCP/ OLP/ OVP/ OTP
· Power Factor 0.95
· Efficiency up to 95%
· Adjustable output current with DIP-switch
· EOFI=100%
· Ta range: -20...+60°C



Optional accessories
Item NO.: 63201019

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 20/220-240/350 N CS L CCT	61204079	20W	220-240VAC	200-350mA	25-100V	90%	0.95	168*30*21mm
ITS FIX 40/220-240/350 N CS L CCT	61204089	40W	220-240VAC	200-350mA	40-200V	94%	0.95	168*30*21mm
ITS FIX 65/220-240/350 N CS L CCT	61204099	65W	220-240VAC	200-350mA	70-200V	94%	0.95	210*30*21mm
ITS FIX 80/220-240/550 N CS L CCT	61204109	80W	220-240VAC	200-550mA	40-220V	95%	0.95	210*30*21mm

EMS N CS L Series

· Suitable for class I luminaires
· Non-Isolated
· For built-in or independent (with side caps) use
· Protections: SCP/ OLP/ OVP/ OTP
· Power Factor: 0.95
· Adjustable output current with DIP-switch
· Ta range: -20...+55°C/60°C

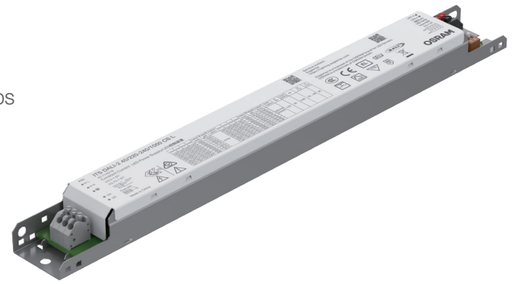


Optional accessories
Item NO.: 63201019

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 20/220-240/350 N CS L	61210019	20W	220-240VAC	200-350mA	25-100V	86%	0.95	168*30*21mm
EMS 40/220-240/350 N CS L	61210029	40W	220-240VAC	200-350mA	40-200V	90%	0.95	168*30*21mm
EMS 60/220-240/350 N CS L	61210039	60W	220-240VAC	200-350mA	70-200V	92%	0.95	190*30*21mm
EMS 80/220-240/350 N CS L	61210049	80W	220-240VAC	350-550mA	40-220V	93%	0.95	210*30*21mm

ITS DALI-2 CS L Series

· Suitable for class I and class II luminaires
· Isolated/ SELV
· For built-in or independent (with side caps) use
· Protections: SCP/ OLP/ OVP/ OTP
· DALI part 251, 252 and 253
· Power Factor: 0.95
· Adjustable output current with DIP-switch, 16 current steps
· EOFI=15%
· Ta range: -20...60°C





Optional accessories

Item NO.: 63201019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS DALI-2 40/220-240/1050 CS L	61114019	40W	220-240VAC	150-1050mA	10-54V	90%	0.95	280*30*21mm
ITS DALI-2 60/220-240/1500 CS L	61114029	60W	220-240VAC	500-1500mA	10-54V	90%	0.95	280*30*21mm
ITS DALI-2 80/220-240/2000 CS L	61114039	80W	220-240VAC	700-2000mA	10-54V	90%	0.95	360*30*21mm

ITS FIX CS L Series

· Suitable for class I luminaires
· Isolated/ SELV
· For built-in or independent (with side caps) use
· Protections: SCP/ OLP/ OVP/ OTP
· Power Factor: 0.95
· Adjustable output current with DIP-switch
· Ta range: -20...+60/55°C





Optional accessories

Item NO.: 63201019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 30/220-240/700 CS L	61215019	30W	220-240VAC	350-700mA	24-51V	89%	0.95	190*30*21mm
ITS FIX 42/220-240/1050 CS L	61215029	42W	220-240VAC	700-1050mA	24-51V	89%	0.95	190*30*21mm
ITS FIX 60/220-240/1500 CS L	61215039	60W	220-240VAC	900-1500mA	24-51V	90%	0.95	210*30*21mm
ITS FIX 80/220-240/2000 CS L	61215049	80W	220-240VAC	1300-2000mA	24-51V	91%	0.95	280*30*21mm



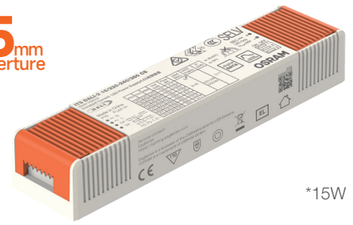
COMPACT SERIES

Suitable for panel light, downlight and spotlight

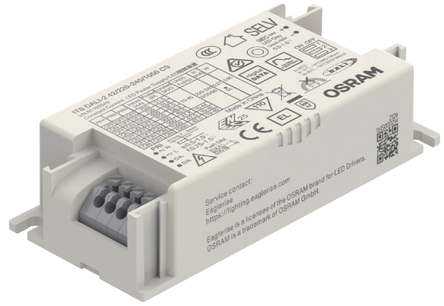
ITS DALI-2 CS Series

- Suitable for class I and class II luminaires
- Isolated / SELV / For built-in or independent (with side caps)
- Protections: SCP/ OLP/ OVP/ OTP
- Efficiency up to 90%
- Adjustable output current with DIP-switch, 8 current steps
- EOFI=15%
- Ta range: -20...+50°C
- DALI maintainace (Parts 251, 252, 253)
- 3m/ 10m EMI
- 15W: fits through 35mm aperture; 20-60W: 25mm height

35mm Aperture



*15W



DALI-2 | CLO | EL | 2/2kV Surge | Corridor Mode | PUSH DIM | OSRAM Configurator | 5 YEARS WARRANTY

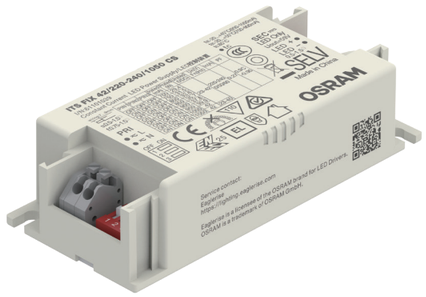
Optional accessories
Item NO.: 63101019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS DALI-2 15/220-240/350 CS	61102019	15W	220-240VAC	100-350mA	9-42V	85%	0.95	130*29*21mm
ITS DALI-2 20/220-240/500 CS	61102029	20W	220-240VAC	150-500mA	10-45V	87%	0.95	97*43*25mm
ITS DALI-2 30/220-240/700 CS	61102039	30W	220-240VAC	350-700mA	10-45V	90%	0.95	97*43*25mm
ITS DALI-2 42/220-240/1050 CS	61102049	42W	220-240VAC	700-1050mA	10-45V	90%	0.95	97*43*25mm
ITS DALI-2 60/220-240/1500 CS	61102059	60W	220-240VAC	800-1500mA	15-48V	90%	0.95	113*43*25mm

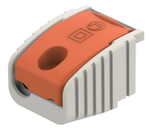
ITS FIX CS Series

· Suitable for class I and class II luminaires
· Isolated / SELV / For built-in or independent (with side caps)
· Protections: SCP/ OLP/ OVP/ OTP
· Efficiency up to 90%
· Adjustable output current with DIP-switch, 8 current steps
· EOFI=100%
· Ta range: -20...+50°C
· 3m/ 10m EMI
· 25mm height



EL
2/2kV Surge
5 YEARS WARRANTY

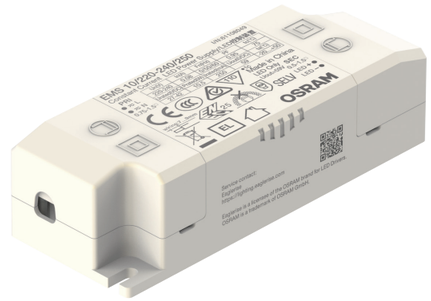
Optional accessories
Item NO.: 63101019



Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 20/220-240/500 CS	61101019	20W	220-240VAC	150-500mA	23-42V	88%	0.95	97*43*25mm
ITS FIX 30/220-240/700 CS	61101029	30W	220-240VAC	350-700mA	23-42V	88%	0.95	97*43*25mm
ITS FIX 42/220-240/1050 CS	61101039	42W	220-240VAC	700-1050mA	23-42V	90%	0.95	97*43*25mm
ITS FIX 60/220-240/1500 CS	61101049	60W	220-240VAC	800-1500mA	24-42V	90%	0.95	113*43*25mm

EMS HPF Series

· Suitable for class I and class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OVP/ OTP
· EOFI=100%
· THD< 10%
· Ta range: -20...+50°C

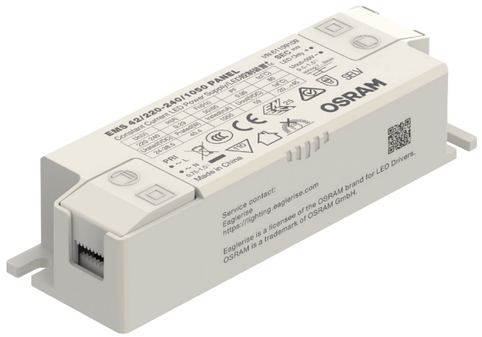


EL
2/2kV Surge
5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 5/220-240/120	61108019	5W	220-240VAC	120mA	27-42V	74%	0.95	92*28*21mm
EMS 6/220-240/150	61108029	6W	220-240VAC	150mA	27-42V	77%	0.95	92*28*21mm
EMS 8/220-240/200	61108039	8W	220-240VAC	200mA	27-42V	79%	0.95	92*28*21mm
EMS 10/220-240/250	61108049	10W	220-240VAC	250mA	27-42V	80%	0.95	92*28*21mm
EMS 12/220-240/300	61108059	12W	220-240VAC	300mA	27-42V	82%	0.95	92*28*21mm
EMS 15/220-240/350	61108069	15W	220-240VAC	350mA	27-42V	83%	0.95	92*28*21mm
EMS 16/220-240/400	61108079	16W	220-240VAC	400mA	27-42V	86%	0.95	103*43*29mm
EMS 18/220-240/450	61108089	18W	220-240VAC	450mA	27-42V	86%	0.95	103*43*29mm
EMS 20/220-240/500	61106019	20W	220-240VAC	500mA	27-42V	87%	0.95	103*43*29mm
EMS 25/220-240/600	61106029	25W	220-240VAC	600mA	27-42V	87%	0.95	103*43*29mm
EMS 30/220-240/700	61106039	30W	220-240VAC	700mA	27-42V	87%	0.95	103*43*29mm
EMS 32/220-240/750	61106049	32W	220-240VAC	750mA	27-42V	87%	0.95	103*43*29mm
EMS 33/220-240/800	61106059	33W	220-240VAC	800mA	27-42V	89%	0.95	103*43*29mm
EMS 35/220-240/850	61106069	35W	220-240VAC	850mA	27-42V	89%	0.95	103*43*29mm
EMS 36/220-240/900	61106079	36W	220-240VAC	900mA	27-42V	89%	0.95	103*43*29mm
EMS 38/220-240/950	61106089	38W	220-240VAC	950mA	27-42V	89%	0.95	103*43*29mm
EMS 40/220-240/1000	61106099	40W	220-240VAC	1000mA	27-42V	89%	0.95	103*43*29mm
EMS 42/220-240/1050	61106109	42W	220-240VAC	1050mA	27-40V	90%	0.95	103*43*29mm

EMS Panel Light Series

· Suitable for class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OVP/ OTP
· Efficiency up to 89%
· Ta range: -20...+45°C



2/2kV Surge

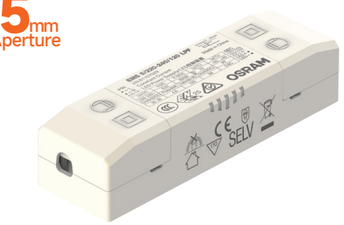
5 YEARS WARRANTY

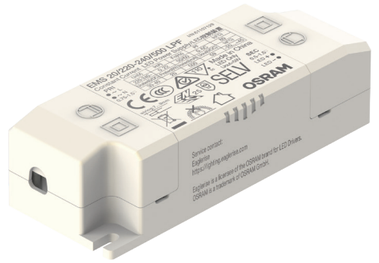
Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 20/220-240/500 CLS II	61109129	20W	220-240VAC	500mA	24-42V	87%	0.95	116*38*26mm
EMS 25/220-240/600 CLS II	61109019	25W	220-240VAC	600mA	24-42V	87%	0.95	116*38*26mm
EMS 28/220-240/650 CLS II	61109029	28W	220-240VAC	650mA	24-42V	87%	0.95	116*38*26mm
EMS 30/220-240/700 CLS II	61109039	30W	220-240VAC	700mA	24-42V	87%	0.95	116*38*26mm
EMS 32/220-240/750 CLS II	61109049	32W	220-240VAC	750mA	24-42V	87%	0.95	116*38*26mm
EMS 33/220-240/800 CLS II	61109059	33W	220-240VAC	800mA	24-42V	87%	0.95	116*38*26mm
EMS 35/220-240/850 CLS II	61109069	35W	220-240VAC	850mA	24-42V	87%	0.95	116*38*26mm
EMS 36/220-240/900 CLS II	61109079	36W	220-240VAC	900mA	24-42V	89%	0.95	116*38*26mm
EMS 38/220-240/950 CLS II	61109089	38W	220-240VAC	950mA	24-42V	89%	0.95	116*38*26mm
EMS 40/220-240/1000 CLS II	61109099	40W	220-240VAC	1000mA	24-40V	89%	0.95	116*38*26mm
EMS 42/220-240/1050 CLS II	61109109	42W	220-240VAC	1050mA	24-38.5V	89%	0.95	116*38*26mm
EMS 50/220-240/1200 CLS II	61109119	50W	220-240VAC	1200mA	24-42V	89%	0.95	116*38*26mm

EMS LPF Series

· Suitable for class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OVP/ OTP
· Ta range: -20...+45°C
· 4-15W: fits through 35mm aperture
18-20W: fits through 45mm aperture

35mm Aperture





5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 4/220-240/100 LPF	61107019	4W	220-240VAC	100mA	30-40V	80%	0.60	92*28*21mm
EMS 5/220-240/120 LPF	61107029	5W	220-240VAC	120mA	30-40V	80%	0.60	92*28*21mm
EMS 6/220-240/150 LPF	61107039	6W	220-240VAC	150mA	30-40V	80%	0.60	92*28*21mm
EMS 7/220-240/180 LPF	61107049	7W	220-240VAC	180mA	30-40V	80%	0.60	92*28*21mm
EMS 8/220-240/200 LPF	61107059	8W	220-240VAC	200mA	30-40V	80%	0.60	92*28*21mm
EMS 9/220-240/220 LPF	61107069	9W	220-240VAC	220mA	30-40V	80%	0.60	92*28*21mm
EMS 10/220-240/250 LPF	61107079	10W	220-240VAC	250mA	30-40V	82%	0.60	92*28*21mm
EMS 11/220-240/280 LPF	61107089	11W	220-240VAC	280mA	30-40V	82%	0.60	92*28*21mm
EMS 12/220-240/300 LPF	61107099	12W	220-240VAC	300mA	30-40V	82%	0.60	92*28*21mm
EMS 15/220-240/350 LPF	61107109	15W	220-240VAC	350mA	30-40V	82%	0.60	92*28*21mm
EMS 18/220-240/450 LPF	61107119	18W	220-240VAC	450mA	30-40V	85%	0.55	92*36*25mm
EMS 20/220-240/500 LPF	61107129	20W	220-240VAC	500mA	30-40V	85%	0.55	92*36*25mm



TRACK SERIES

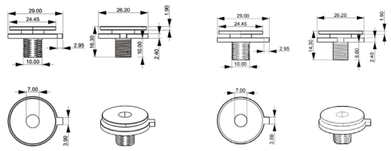
Suitable for track light

ITS CS T HE Series

- Suitable for class II luminaires
- Isolated / SELV / For independent use
- Protections: SCP/ OLP/ OVP/ OTP
- Available in black, white and grey
- Power Factor 0.95
- Efficiency up to 93%
- Adjustable output current with DIP-switch, 4 current steps
- EOFI=100%
- Mini size: 133mm length
- Ta: -20...+35°C



Item NO.: 63301019 Item NO.: 63301029



EL

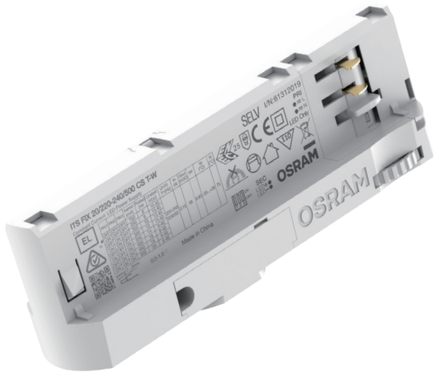
2/2kV Surge

5 YEARS WARRANTY

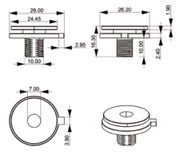
Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 18/220-240/450 CS T-W HE	(White)61303029							
ITS FIX 18/220-240/450 CS T-B HE	(Black)61303028	18W	220-240VAC	300-450mA	27-40V	92%	0.95	133*31*42mm
ITS FIX 18/220-240/450 CS T-G HE	(Grey) 61303027							
ITS FIX 26/220-240/650 CS T-W HE	(White)61303039							
ITS FIX 26/220-240/650 CS T-B HE	(Black)61303038	26W	220-240VAC	500-650mA	27-40V	92%	0.95	133*31*42mm
ITS FIX 26/220-240/650 CS T-G HE	(Grey) 61303037							
ITS FIX 34/220-240/850 CS T-W HE	(White)61303049							
ITS FIX 34/220-240/850 CS T-B HE	(Black)61303048	34W	220-240VAC	700-850mA	27-40V	93%	0.95	133*31*42mm
ITS FIX 34/220-240/850 CS T-G HE	(Grey) 61303047							
ITS FIX 42/220-240/1050 CS T-W HE	(White)61303059							
ITS FIX 42/220-240/1050 CS T-B HE	(Black)61303058	42W	220-240VAC	900-1050mA	27-40V	93%	0.95	133*31*42mm
ITS FIX 42/220-240/1050 CS T-G HE	(Grey) 61303057							

ITS CS T Series

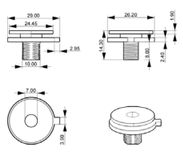
· Suitable for class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OVP/ OTP
· Available in black, white and grey
· Power Factor 0.95
· Efficiency up to 90%
· Adjustable output current with DIP-switch, 8-16 current steps
· EOFI=100%
· Mini size: 133mm length
· Ta range: -20...+35°C



Item NO.: 63301019



Item NO.: 63301029

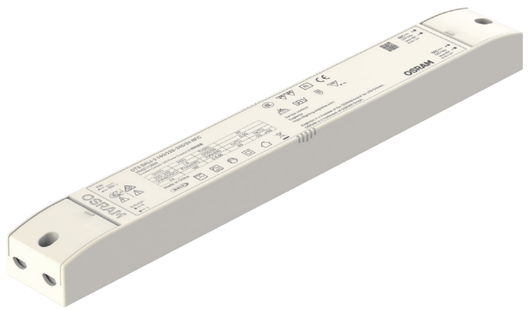


Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 20/220-240/500 CS T-W	(White) 61312019							
ITS FIX 20/220-240/500 CS T-B	(Black) 61312018	20W	220-240VAC	150-500mA	15-40V	89%	0.95	133*31*42mm
ITS FIX 20/220-240/500 CS T-G	(Grey) 61312017							
ITS FIX 40/220-240/1050 CS T-W	(White) 61312029							
ITS FIX 40/220-240/1050 CS T-B	(Black) 61312028	40W	220-240VAC	300-1050mA	9-40V	90%	0.95	133*31*42mm
ITS FIX 40/220-240/1050 CS T-G	(Grey) 61312027							



OTS DALI NFC CV Series

· Suitable for class I and class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OTP
· Power Factor 0.95
· DALI part 251, 252 and 253
· EOFI=15%
· Compatible with 0.75–2.5 mm2 input wires
· Ta range: -20...+50°C



DALI-2 · CLO · EL · 2/2kV Surge

Corridor Mode · PUSH DIM · OSRAM Configurator · NFC · 5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
OTS DALI-2 50/220-240/24 NFC	62113019	50W	220-240VAC	0-2.08A	24V	90%	0.95	200*39*30mm
OTS DALI-2 80/220-240/24 NFC	62113029	80W	220-240VAC	0-3.33A	24V	91%	0.95	259*39*30mm
OTS DALI-2 160/220-240/24 NFC	62113039	160W	220-240VAC	0-6.66A	24V	91%	0.95	350*45*30mm
OTS DALI-2 250/220-240/24 NFC	62113049	250W	220-240VAC	0-10.416A	24V	92%	0.95	405*45*30.5mm

ITS FIX CV Series

· Suitable for class I and class II luminaires
· Isolated / SELV / For independent use
· Protections: SCP/ OLP/ OTP
· Power Factor 0.95
· Efficiency up to 93%
· Compatible with 0.75–2.5 mm2 input wires
· EOFI=100%
· 5 years warranty
· Ta range: -20...+50°C



EL · 2/2kV Surge · 5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
ITS FIX 30/220-240/12	62105019	30W	220-240VAC	0-2.5A	12V	85%	0.95	168*39*28mm
ITS FIX 30/220-240/24	62105029	30W	220-240VAC	0-1.25A	24V	85%	0.95	168*39*28mm
ITS FIX 60/220-240/12	62105039	60W	220-240VAC	0-5A	12V	89%	0.95	200*39*30mm
ITS FIX 60/220-240/24	62105049	60W	220-240VAC	0-2.5A	24V	89%	0.95	200*39*30mm
ITS FIX 120/220-240/12	62105059	120W	220-240VAC	0-10A	12V	91%	0.95	259*39*30mm
ITS FIX 120/220-240/24	62105069	120W	220-240VAC	0-5A	24V	93%	0.95	259*39*30mm
ITS FIX 180/220-240/24	62105079	180W	220-240VAC	0-7.5A	24V	93%	0.95	350*45*30mm
ITS FIX 250/220-240/24	62105089	250W	220-240VAC	0-10.416A	24V	93%	0.95	350*45*30mm

EMS CQC Switching Power Supply Series

SELV

· Isolated / SELV
· Protections: SCP/ OLP/ OTP
· Efficiency up to 93%



5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 60/220-240/24 SPS LPF	62116019	60W	220-240VAC	0-2.5A	24V	89%	0.50	128*37*27.5mm
EMS 100/220-240/24 SPS LPF	62116029	100W	220-240VAC	0-4.17A	24V	89%	0.50	162*51*27.5mm
EMS 150/220-240/24 SPS LPF	62116039	150W	220-240VAC	0-6.25A	24V	90%	0.50	200*51*27.5mm
EMS 200/220-240/24 SPS LPF	62116049	200W	220-240VAC	0-8.33A	24V	90%	0.50	200*51*27.5mm
EMS 300/220-240/24 SPS LPF	62116059	300W	220-240VAC	0-12.5A	24V	91%	0.50	250*51*27.5mm
EMS 400/220-240/24 SPS LPF	62116069	400W	220-240VAC	0-16.66A	24V	93%	0.50	280*51*27.5mm

EMS Switching Power Supply Series

SELV

· Isolated / SELV
· Protections: SCP/ OLP/ OTP
· Power Factor 0.90
· Efficiency up to 93.5%



2/2kV Surge

5 YEARS WARRANTY

Model	Item NO.	Power	Input Voltage	Output Current	Output Voltage	Efficiency	Power Factor	Size (L*W*H)
EMS 60/220-240/24 SPS	62117019	60W	220-240VAC	0-2.5A	24V	88.5%	0.90	141*55*27mm
EMS 100/220-240/24 SPS	62117029	100W	220-240VAC	0-4.17A	24V	88.5%	0.90	152*55*27mm
EMS 150/220-240/24 SPS	62117039	150W	220-240VAC	0-6.25A	24V	92%	0.90	172*55*27mm
EMS 200/220-240/24 SPS	62117049	200W	220-240VAC	0-8.33A	24V	92%	0.90	195*55*27mm
EMS 300/220-240/24 SPS	62117059	300W	220-240VAC	0-12.5A	24V	92.5%	0.90	224*62*32mm
EMS 400/220-240/24 SPS	62117069	400W	220-240VAC	0-16.66A	24V	93.5%	0.90	231*79*32mm



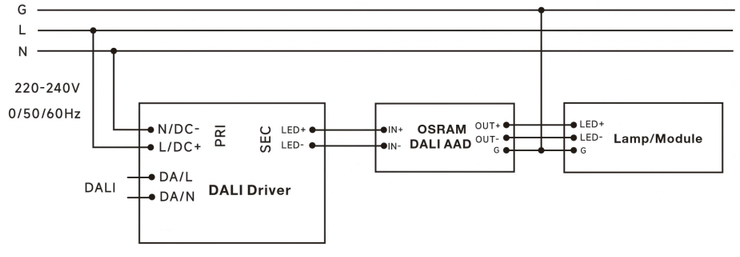
ACCESSORIES

Anti-afterglow Device

· Suitable for: OSRAM DALI LED Drivers
· For solving the afterglow issue that may occur in plastic-cased DALI drivers for Class I applications.



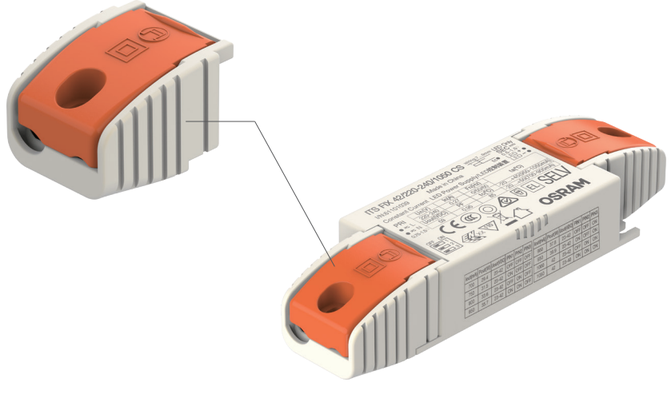
Model	Item NO.	Input Voltage	Input Current	Output Voltage	Output Current	Size (L*W*H)
OSRAM DALI AAD	63101039	≤300VDC (Power≤250W)	6.25A (Power≤250W)	≤300VDC (Power≤250W)	6.25A (Power≤250W)	72*21*21.5mm



Type-B Side Cap

Item NO.:

63101019



Suitable for:

ITS DALI-2 20/220-240/500 CS
ITS DALI-2 30/220-240/700 CS
ITS DALI-2 42/220-240/1050 CS
ITS DALI-2 60/220-240/1500 CS

ITS FIX 20/220-240/500 CS
ITS FIX 30/220-240/700 CS
ITS FIX 42/220-240/1050 CS
ITS FIX 60/220-240/1500 CS

Type-C Side Cap

Item NO.:

63201019

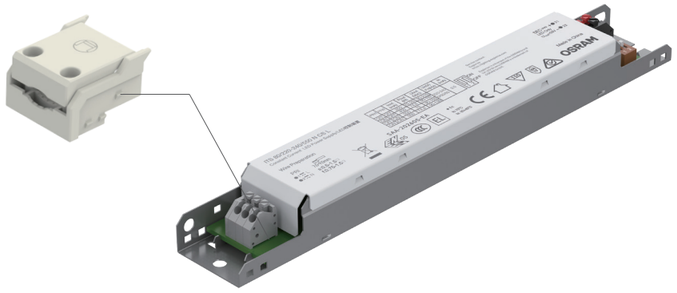
Suitable for:

ITS DALI-2 40/220-240/450 N CS L
ITS DALI-2 80/220-240/550 N CS L
ITS DALI-2 100/220-240/1050 N CS L
ITS DALI-2 150/220-240/1050 N CS L

ITS FIX 20/220-240/350 N CS L
ITS FIX 40/220-240/350 N CS L
ITS FIX 65/220-240/350 N CS L
ITS FIX 80/220-240/550 N CS L

ITS FIX 20/220-240/350 N CS L CCT
ITS FIX 40/220-240/350 N CS L CCT
ITS FIX 65/220-240/350 N CS L CCT
ITS FIX 80/220-240/550 N CS L CCT

EMS 20/220-240/350 N CS L
EMS 40/220-240/350 N CS L
EMS FIX 60/220-240/350 N CS L
EMS FIX 80/220-240/550 N CS L



ITS DALI-2 40/220-240/1050 CS L
ITS DALI-2 60/220-240/15050 CS L
ITS DALI-2 80/220-240/2000 CS L

ITS FIX 30/220-240/700 CS L
ITS FIX 42/220-240/1050 CS L
ITS FIX 60/220-240/1500 CS L
ITS FIX 80/220-240/2000 CS L

Nipple

Suitable for:

ITS FIX 18/220-240/450 CS T-W HE
ITS FIX 18/220-240/450 CS T-B HE
ITS FIX 18/220-240/450 CS T-G HE

ITS FIX 26/220-240/650 CS T-W HE
ITS FIX 26/220-240/650 CS T-B HE
ITS FIX 26/220-240/650 CS T-G HE

ITS FIX 34/220-240/850 CS T-W HE
ITS FIX 34/220-240/850 CS T-B HE
ITS FIX 34/220-240/850 CS T-G HE

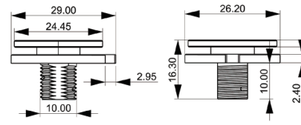
ITS FIX 42/220-240/1050 CS T-W HE
ITS FIX 42/220-240/1050 CS T-B HE
ITS FIX 42/220-240/1050 CS T-G HE

ITS FIX 20/220-240/500 CS T-W
ITS FIX 20/220-240/500 CS T-B
ITS FIX 20/220-240/500 CS T-G

ITS FIX 40/220-240/1050 CS T-W
ITS FIX 40/220-240/1050 CS T-B
ITS FIX 40/220-240/1050 CS T-G

Model	Size	Item NO.
10mm Nipple	M10*10	63301019
8mm Nipple	M10*8	63301029

Item NO. 63301019



Item NO. 63301029

