

## CV Power supplies 24 V with 1...10 V

24 V Konstantspännings LED-försörjning med 1...10 V



### Produktegenskaper

- DC-läge funktionalitet
- Dimmable via fully insulated 1...10 V interface

### Användningsområde

- Lämplig för inom- och utomhusinstallationer

Tekniska data

| Produktbeskrivning        | Elektriska data   |                     |             |                         |                                     |
|---------------------------|-------------------|---------------------|-------------|-------------------------|-------------------------------------|
|                           | Nominell uteffekt | Maximal uteffekt    | Nätfrekvens | Efficiency in full-load | Galvanisk isolering primär/sekundär |
| OT 20/220...240/24 DIM P  | 20 W              | 20 W <sup>1)</sup>  | 0...60 Hz   | 83 % <sup>2)</sup>      | 3 kV                                |
| OT 40/220...240/24 DIM P  | 40 W              | 40 W <sup>1)</sup>  | 0...60 Hz   | 85 % <sup>2)</sup>      | 3 kV                                |
| OT 60/220...240/24 DIM P  | 60 W              | 60 W <sup>1)</sup>  | 0...60 Hz   | 86 % <sup>2)</sup>      | 3 kV                                |
| OT 100/220...240/24 DIM P | 100 W             | 100 W <sup>1)</sup> | 0...60 Hz   | 90 % <sup>2)</sup>      | 3 kV                                |
| OT 130/220...240/24 DIM P | 130 W             | 130 W <sup>1)</sup> | 0...60 Hz   | 90.5 % <sup>2)</sup>    | 3 kV                                |
| OT 250/220...240/24 DIM P | 250 W             | 250 W <sup>1)</sup> | 0...60 Hz   | 92 % <sup>2)</sup>      | 3 kV                                |

| Produktbeskrivning        | Nominell utspänning | Inspänning DC | Inspänning AC | Mått             |             |        |
|---------------------------|---------------------|---------------|---------------|------------------|-------------|--------|
|                           |                     |               |               | Hålavstånd längd | produktvikt | Höjd   |
| OT 20/220...240/24 DIM P  | 24.2 V              | 176...276 V   | 198...264 V   | 169,0 mm         | 31500 g     | 250 mm |
| OT 40/220...240/24 DIM P  | 24.2 V              | 176...276 V   | 198...264 V   | 199,0 mm         | 41600 g     | 260 mm |
| OT 60/220...240/24 DIM P  | 24.2 V              | 176...276 V   | 198...264 V   | 199,0 mm         | 42000 g     | 260 mm |
| OT 100/220...240/24 DIM P | 24.2 V              | 176...276 V   | 198...264 V   | 227,0 mm         | 76500 g     | 340 mm |
| OT 130/220...240/24 DIM P | 24.2 V              | 176...276 V   | 198...264 V   | 207,0 mm         | 94300 g     | 370 mm |
| OT 250/220...240/24 DIM P | 24.2 V              | 176...276 V   | 198...264 V   | 250,0 mm         | 134000 g    | 400 mm |

| Produktbeskrivning        | Bredd  | Längd   | Temperaturer och driftsförhållanden     | Användningsområden                     |                    |
|---------------------------|--------|---------|-----------------------------------------|----------------------------------------|--------------------|
|                           |        |         | Tillåten rel. luftfuktighet under drift | Passande för armaturer med skyddsklass | Överhettningsskydd |
| OT 20/220...240/24 DIM P  | 430 mm | 1780 mm | 5...85 % <sup>3)</sup>                  | II                                     | Ja                 |
| OT 40/220...240/24 DIM P  | 430 mm | 2080 mm | 5...85 % <sup>3)</sup>                  | II                                     | Ja                 |
| OT 60/220...240/24 DIM P  | 430 mm | 2080 mm | 5...85 % <sup>3)</sup>                  | II                                     | Ja                 |
| OT 100/220...240/24 DIM P | 500 mm | 2400 mm | 5...85 % <sup>3)</sup>                  | I                                      | Ja                 |
| OT 130/220...240/24 DIM P | 630 mm | 2200 mm | 5...85 % <sup>3)</sup>                  | I                                      | Ja                 |
| OT 250/220...240/24 DIM P | 680 mm | 2650 mm | 5...85 % <sup>3)</sup>                  | I                                      | Ja                 |

| Produktbeskrivning        | Överlastskydd | Kortslutningsskydd | Kan drivas utan belastning | Intended for no-load operation |
|---------------------------|---------------|--------------------|----------------------------|--------------------------------|
| OT 20/220...240/24 DIM P  | Ja            | Ja                 | Ja                         | Nej                            |
| OT 40/220...240/24 DIM P  | Ja            | Ja                 | Ja                         | Nej                            |
| OT 60/220...240/24 DIM P  | Ja            | Ja                 | Ja                         | Nej                            |
| OT 100/220...240/24 DIM P | Ja            | Ja                 | Ja                         | Nej                            |
| OT 130/220...240/24 DIM P | Ja            | Ja                 | Ja                         | Nej                            |
| OT 250/220...240/24 DIM P | Ja            | Ja                 | Ja                         | Nej                            |

Datablad produktfamilj

|                           |               |                      |                    | Certifikat och<br>Standarder |
|---------------------------|---------------|----------------------|--------------------|------------------------------|
| Produktbeskrivning        | Ljusreglerbar | Dimmer<br>gränssnitt | Number of channels | Skyddstyp                    |
| OT 20/220...240/24 DIM P  | Ja            | 1...10 V             | 1                  | IP66                         |
| OT 40/220...240/24 DIM P  | Ja            | 1...10 V             | 1                  | IP66                         |
| OT 60/220...240/24 DIM P  | Ja            | 1...10 V             | 1                  | IP66                         |
| OT 100/220...240/24 DIM P | Ja            | 1...10 V             | 1                  | IP66/IP67                    |
| OT 130/220...240/24 DIM P | Ja            | 1...10 V             | 1                  | IP66/IP67                    |
| OT 250/220...240/24 DIM P | Ja            | 1...10 V             | 1                  | IP66/IP67                    |

|                           |                                                                                                                                        |                         | Logistikdata           | Environmental<br>information<br>Information<br>according Art. 33 of<br>EU Regulation (EC)<br>1907/2006 (REACH) |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------|----------------------------------------------------------------------------------------------------------------|
| Produktbeskrivning        | Standarder                                                                                                                             | Godkännandemärkn<br>ing | Statistiskt varunummer | Date of Declaration                                                                                            |
| OT 20/220...240/24 DIM P  | enL. EN 61347-1/enL. EN 61347-2-13/enL. EN 55015/enL. EN 61547/enL. EN 61000-3-2/enL. EN 61000-3-3/Acc. to EN 60598-1/Acc. to EN 62384 | ENEC / RCM / CCC / EAC  | 85044083900            | 23-06-2023                                                                                                     |
| OT 40/220...240/24 DIM P  | enL. EN 61347-1/enL. EN 61347-2-13/enL. EN 55015/enL. EN 61547/enL. EN 61000-3-2/enL. EN 61000-3-3/Acc. to EN 60598-1/Acc. to EN 62384 | ENEC / RCM / CCC / EAC  | 85044083900            | 23-06-2023                                                                                                     |
| OT 60/220...240/24 DIM P  | enL. EN 61347-1/enL. EN 61347-2-13/enL. EN 55015/enL. EN 61547/enL. EN 61000-3-2/enL. EN 61000-3-3/Acc. to EN 60598-1/Acc. to EN 62384 | ENEC / RCM / CCC / EAC  | 85044083900            | 26-05-2023                                                                                                     |
| OT 100/220...240/24 DIM P | enL. EN 61347-1/enL. EN 61347-2-13/enL. EN 55015/enL. EN 61547/enL. EN 61000-3-2/enL. EN 61000-3-3/Acc. to EN 60598-1/Acc. to EN 62384 | ENEC / RCM / CCC / EAC  | 85044083900            | 23-06-2023                                                                                                     |
| OT 130/220...240/24 DIM P | enL. EN 61347-1/enL. EN 61347-2-13/enL. EN 55015/enL. EN 61547/enL. EN 61000-3-2/enL. EN 61000-3-3/Acc. to EN 60598-1/Acc. to EN 62384 | ENEC / RCM / CCC / EAC  | 85044083900            | 23-06-2023                                                                                                     |

Datablad produktfamilj

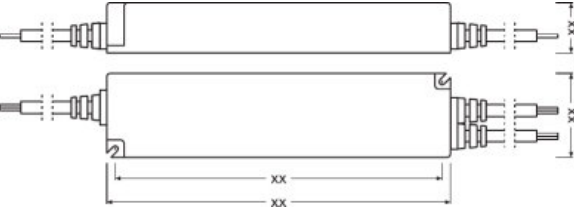
|                           |                                                                                                                                        |                        | Logistikdata           | Environmental information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|----------------------------------------------------------------------------------------------------|
| Produktbeskrivning        | Standarder                                                                                                                             | Godkännandemärkning    | Statistiskt varunummer | Date of Declaration                                                                                |
| OT 250/220...240/24 DIM P | enl. EN 61347-1/enl. EN 61347-2-13/enl. EN 55015/enl. EN 61547/enl. EN 61000-3-2/enl. EN 61000-3-3/Acc. to EN 60598-1/Acc. to EN 62384 | ENEC / RCM / CCC / EAC | 85044083900            | 28-04-2023                                                                                         |

| Produktbeskrivning        | Primary Article Identifier | Candidate List Substance 1 | CAS No. of substance 1 | Safe Use Instruction                                                                               |
|---------------------------|----------------------------|----------------------------|------------------------|----------------------------------------------------------------------------------------------------|
| OT 20/220...240/24 DIM P  | 4052899545809              | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| OT 40/220...240/24 DIM P  | 4052899545823              | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| OT 60/220...240/24 DIM P  | 4052899545847              | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| OT 100/220...240/24 DIM P | 4052899545861              | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| OT 130/220...240/24 DIM P | 4052899545885              | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| OT 250/220...240/24 DIM P | 4052899545908              | Lead                       | 7439-92-1              | The identification of the Candidate List substance is sufficient to allow safe use of the article. |

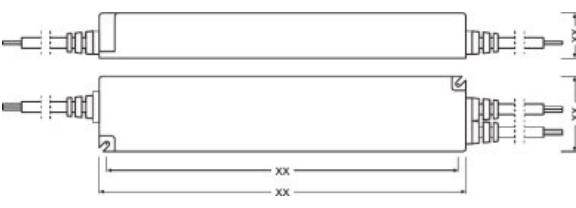
Datablad produktfamilj

| Produktbeskrivning        | Declaration No. in<br>SCIP database  |
|---------------------------|--------------------------------------|
| OT 20/220...240/24 DIM P  | 45a1ad4a-59ef-45dd-9d76-aa88ea19039d |
| OT 40/220...240/24 DIM P  | 805f645e-b0e6-4962-a500-7749a5851396 |
| OT 60/220...240/24 DIM P  | 514ea1ca-5514-42d1-a479-dcbd386967b2 |
| OT 100/220...240/24 DIM P | 4a1ede5f-216f-45c0-9328-9fff99e880b5 |
| OT 130/220...240/24 DIM P | f1105f25-6e31-4c8a-ac85-f86a35b70f5b |
| OT 250/220...240/24 DIM P | 6106517c-2d32-4662-a057-18d404237ee9 |

1) at steady state  
2) at 230 V, 50 Hz  
3) Maximum 56 days/year at 85 %



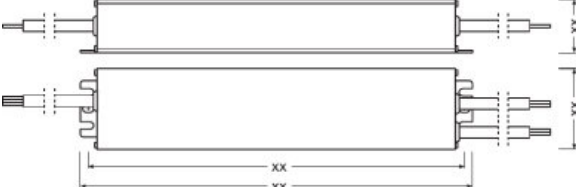
OT 20220-24024 DIM P



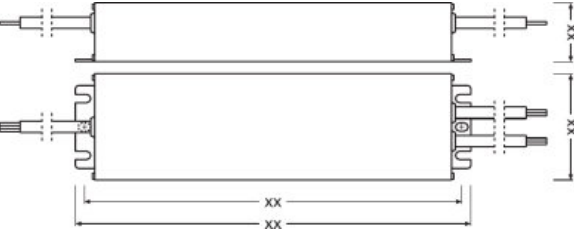
OT 40220-24024 DIM P



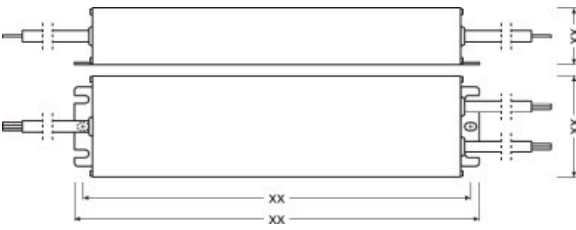
OT 60220-24024 DIM P



OT 100220-24024 DIM P



OT 130220-24024 DIM P



OT 250220-24024 DIM P

# Datablad produktfamilj

## Appliktionsråd

För mer detaljerad applikationsinformation och grafik, vänligen se produktdatablad

## Försäljning och teknisk support

Försäljning och teknisk support [www.osram.se](http://www.osram.se)

## Download

| Dokument                                                                            |                                                                                |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
|    | User instruction<br>OPTOTRONIC LED Power Supply                                |
|    | Bilagd tekniskinformation<br>Dimming table for OT (EN)                         |
|    | Product Datasheet<br>Datasheet OT 20220-24024 DIM P                            |
|   | Broschyrer<br>OPTOTRONIC constant-voltage LED power supplies and controls (EN) |
|  | Certifikat<br>Certificate of NSW27873-3 Mod OT 24V P G2 DIM                    |
|  | Certifikat<br>CCC Certificate No. 2018011002044637                             |
|  | Certifikat<br>CB Test Certificate No. SG PSB-LE-00930                          |
|  | Certifikat<br>ENEC Certificate No. U6 18 01 84117 051                          |
|  | Konformitetsdeklaration<br>Attestation of Conformity No. N8A 18 01 84117 055   |
|  | Konformitetsdeklaration<br>Attestation of Conformity No. E8A 18 01 84117 050   |
|  | Konformitetsdeklaration<br>OT 24V P DIMP CE 3537796 09 080823                  |
|  | CAD-data 3-dim<br>OT 20 220-240 24 DIM P-3D stp file                           |
|  | Product Datasheet<br>Datasheet OT 40220-24024 DIM P                            |
|  | Certifikat<br>CCC Certificate No. 2018011002043864                             |
|  | Product Datasheet<br>Datasheet OT 60220-24024 DIM P                            |
|  | Product Datasheet<br>Datasheet OT 100220-24024 DIM P                           |

Datablad produktfamilj

|                                                                                    |                                                                              |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
|   | Certifikat<br>CCC Certificate No. 2018011002043871                           |
|   | Certifikat<br>OT 24 P CB 4163267 01 101023                                   |
|   | Certifikat<br>ENEC Certificate No. U6 18 01 84117 048                        |
|   | Konformitetsdeklaration<br>Attestation of Conformity No. N8A 18 01 84117 054 |
|   | Konformitetsdeklaration<br>Attestation of Conformity No. E8A 18 01 84117 049 |
|   | CAD-data 3-dim<br>OT 100 220-240 24 DIM P - 3D stp file                      |
|   | Product Datasheet<br>Datasheet OT 130220-24024 DIM P                         |
|   | CAD-data 3-dim<br>OT 130 220-240 24 DIM P - 3D stp file                      |
|   | Product Datasheet<br>Datasheet OT 250220-24024 DIM P                         |
|  | CAD-data 3-dim<br>OT 250 220-240 24 DIM P - 3D stp file                      |

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.

Logistiska data

| Produktnummer | Produktbeskrivning          | Förpackningsenhet<br>(Styck/Enhet) | Dimensioner (längd x bredd x<br>höjd) | Volym                 | Bruttovikt |
|---------------|-----------------------------|------------------------------------|---------------------------------------|-----------------------|------------|
| 4052899545809 | OT 20/220...240/24 DIM<br>P | Transportförpackning<br>20         | 334 mm x 277 mm x 186 mm              | 17.21 dm <sup>3</sup> | 8116.00 g  |
| 4052899545823 | OT 40/220...240/24 DIM<br>P | Transportförpackning<br>20         | 334 mm x 310 mm x 194 mm              | 20.09 dm <sup>3</sup> | 9965.00 g  |
| 4052899545847 | OT 60/220...240/24 DIM<br>P | Transportförpackning<br>20         | 334 mm x 310 mm x 194 mm              | 20.09 dm <sup>3</sup> | 10005.00 g |

## Datablad produktfamilj

### Logistiska data

|               |                           |                         |                          |                       |            |
|---------------|---------------------------|-------------------------|--------------------------|-----------------------|------------|
| 4052899545861 | OT 100/220...240/24 DIM P | Transportförpackning 10 | 384 mm x 324 mm x 134 mm | 16.67 dm <sup>3</sup> | 8884.00 g  |
| 4052899545885 | OT 130/220...240/24 DIM P | Transportförpackning 10 | 439 mm x 299 mm x 126 mm | 16.54 dm <sup>3</sup> | 10590.00 g |
| 4052899545908 | OT 250/220...240/24 DIM P | Transportförpackning 10 | 459 mm x 344 mm x 144 mm | 22.74 dm <sup>3</sup> | 14752.00 g |

Produktkoden gäller minsta tillåtna beställningskvantitet. En transportförpackning kan innehålla en eller flera produkter. Vid orderläggning, vänligen ange en eller flera transportförpackningar.

### Friskrivningsklausul

Kan ändras utan föregående notifiering. Felaktigheter och försummelse undantagna. Se alltid till att använda den senaste utgåvan.