

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

24 V 恒压 LED 电源 ( 电压 1...10 V )



### 产品特点

- 直流模式功能
- 通过全绝缘1至10 V接口调光

### 应用领域

- 适用于室内外设施

产品系列数据表

技术参数

| 产品描述                      | 电参数                  |                      |            |                         |                       |
|---------------------------|----------------------|----------------------|------------|-------------------------|-----------------------|
|                           | 标称输出功率               | Maximum output power | 市电频率       | Efficiency in full-load | 初级/次级电气隔离             |
| 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 120/220...240/24 DIM P | 120 W <sup>4)</sup>  |                      | 50...60 Hz |                         | 3.75 kV <sup>5)</sup> |
| 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 240/220...240/24 DIM P | 240 W <sup>10)</sup> |                      | 50...60 Hz |                         | 3.75 kV <sup>5)</sup> |
| OT 250/220...240/24 DIM P | 250 W                | 250 W <sup>1)</sup>  | 0...60 Hz  | 92 % <sup>2)</sup>      | 3 kV                  |

| 产品描述                      | 标称输出电压             | 交流输入电压                    | 直流输入电压      | 尺寸和重量    |           |         |
|---------------------------|--------------------|---------------------------|-------------|----------|-----------|---------|
|                           |                    |                           |             | 安装孔距, 长度 | 产品重量      | 高度      |
| OT 20/220...240/24 DIM P  | 24.2 V             | 198...264 V               | 176...276 V | 169.0 mm | 315.00 g  | 25.0 mm |
| OT 40/220...240/24 DIM P  | 24.2 V             | 198...264 V               | 176...276 V | 199.0 mm | 416.00 g  | 26.0 mm |
| OT 60/220...240/24 DIM P  | 24.2 V             | 198...264 V               | 176...276 V | 199.0 mm | 420.00 g  | 26.0 mm |
| OT 100/220...240/24 DIM P | 24.2 V             | 198...264 V               | 176...276 V | 227.0 mm | 765.00 g  | 34.0 mm |
| OT 120/220...240/24 DIM P | 24 V <sup>6)</sup> | 198...264 V <sup>7)</sup> |             | 241.0 mm | 1100.00 g | 39.0 mm |
| OT 130/220...240/24 DIM P | 24.2 V             | 198...264 V               | 176...276 V | 207.0 mm | 943.00 g  | 37.0 mm |
| OT 240/220...240/24 DIM P | 24 V <sup>6)</sup> | 198...264 V <sup>7)</sup> |             | 241.0 mm | 1500.00 g | 39.0 mm |
| OT 250/220...240/24 DIM P | 24.2 V             | 198...264 V               | 176...276 V | 250.0 mm | 1340.00 g | 40.0 mm |

| 产品描述                      | 宽度      | 长度       | 温度                     |  | 功能         |      |
|---------------------------|---------|----------|------------------------|--|------------|------|
|                           |         |          | 相对湿度                   |  | 适合带防护等级的固件 | 过热保护 |
| OT 20/220...240/24 DIM P  | 43.0 mm | 178.0 mm | 5...85 % <sup>3)</sup> |  | II         | 是    |
| OT 40/220...240/24 DIM P  | 43.0 mm | 208.0 mm | 5...85 % <sup>3)</sup> |  | II         | 是    |
| OT 60/220...240/24 DIM P  | 43.0 mm | 208.0 mm | 5...85 % <sup>3)</sup> |  | II         | 是    |
| OT 100/220...240/24 DIM P | 50.0 mm | 240.0 mm | 5...85 % <sup>3)</sup> |  | I          | 是    |
| OT 120/220...240/24 DIM P | 60.0 mm | 250.0 mm | 5...85 % <sup>8)</sup> |  | I          | 自动可逆 |
| OT 130/220...240/24 DIM P | 63.0 mm | 220.0 mm | 5...85 % <sup>3)</sup> |  | I          | 是    |
| OT 240/220...240/24 DIM P | 80.0 mm | 250.0 mm | 5...85 % <sup>8)</sup> |  | I          | 自动可逆 |
| OT 250/220...240/24 DIM P | 68.0 mm | 265.0 mm | 5...85 % <sup>3)</sup> |  | I          | 是    |

| 产品描述                      | 过载保护 | Short-circuit protection | 标准空载符合 | Intended for no-load operation |
|---------------------------|------|--------------------------|--------|--------------------------------|
| OT 20/220...240/24 DIM P  | 是    | 是                        | 是      | 否                              |
| OT 40/220...240/24 DIM P  | 是    | 是                        | 是      | 否                              |
| OT 60/220...240/24 DIM P  | 是    | 是                        | 是      | 否                              |
| OT 100/220...240/24 DIM P | 是    | 是                        | 是      | 否                              |

产品系列数据表

| 产品描述                      | 过载保护 | Short-circuit protection | 标准空载符合 | Intended for no-load operation |
|---------------------------|------|--------------------------|--------|--------------------------------|
| OT 120/220...240/24 DIM P | 自动可逆 | 自动可逆                     | 是      |                                |
| OT 130/220...240/24 DIM P | 是    | 是                        | 是      | 否                              |
| OT 240/220...240/24 DIM P | 自动可逆 | 自动可逆                     | 是      |                                |
| OT 250/220...240/24 DIM P | 是    | 是                        | 是      | 否                              |

| 产品描述                      | 调光界面                   | 可调光 | Number of channels | 认证与标准     |
|---------------------------|------------------------|-----|--------------------|-----------|
|                           |                        |     |                    | 防护类型      |
| OT 20/220...240/24 DIM P  | 1...10 V               | 是   | 1                  | IP66      |
| OT 40/220...240/24 DIM P  | 1...10 V               | 是   | 1                  | IP66      |
| OT 60/220...240/24 DIM P  | 1...10 V               | 是   | 1                  | IP66      |
| OT 100/220...240/24 DIM P | 1...10 V               | 是   | 1                  | IP66/IP67 |
| OT 120/220...240/24 DIM P | 1...10 V <sup>9)</sup> | 是   | 1                  | IP67      |
| OT 130/220...240/24 DIM P | 1...10 V               | 是   | 1                  | IP66/IP67 |
| OT 240/220...240/24 DIM P | 1...10 V <sup>9)</sup> | 是   | 1                  | IP67      |
| OT 250/220...240/24 DIM P | 1...10 V               | 是   | 1                  | IP66/IP67 |

| 产品描述                     | 标准                                                                                                                               | 认证标志 – 认证              | 物流数据        | Environmental information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------|-------------------------------------------------------------------------------------|
|                          |                                                                                                                                  |                        | 商品编码        | Date of Declaration                                                                 |
| OT 20/220...240/24 DIM P | 根据 EN 61347-1标准/根据 EN 61347-2-13标准/根据 EN 55015标准/根据 EN 61547标准/根据 EN 61000-3-2标准/根据 EN 61000-3-3标准/根据 EN 60598-1标准/根据 EN 62384标准 | ENEC / RCM / CCC / EAC | 85044083900 | 23-06-2023                                                                          |
| OT 40/220...240/24 DIM P | 根据 EN 61347-1标准/根据 EN 61347-2-13标准/根据 EN 55015标准/根据 EN 61547标准/根据 EN 61000-3-2标准/根据 EN 61000-3-3标准/根据 EN 60598-1标准/根据 EN 62384标准 | ENEC / RCM / CCC / EAC | 85044083900 | 23-06-2023                                                                          |
| OT 60/220...240/24 DIM P | 根据 EN 61347-1标准/根据 EN 61347-2-13标准/根据 EN 55015标准/根据 EN 61547标准/根据 EN 61000-3-2标准/根据 EN 61000-3-3标准/根据 EN 60598-1标准/根据 EN 62384标准 | ENEC / RCM / CCC / EAC | 85044083900 | 26-05-2023                                                                          |

产品系列数据表

|                           |                                                                                                                                  |                                     | 物流数据         | Environmental information<br>Information<br>according Art. 33 of<br>EU Regulation (EC)<br>1907/2006 (REACH) |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------|
| 产品描述                      | 标准                                                                                                                               | 认证标志 - 认证                           | 商品编码         | Date of Declaration                                                                                         |
| OT 100/220...240/24 DIM P | 根据 EN 61347-1标准/根据 EN 61347-2-13标准/根据 EN 55015标准/根据 EN 61547标准/根据 EN 61000-3-2标准/根据 EN 61000-3-3标准/根据 EN 60598-1标准/根据 EN 62384标准 | ENEC / RCM / CCC / EAC              | 85044083900  | 23-06-2023                                                                                                  |
| OT 120/220...240/24 DIM P | 根据 IEC 61347-1标准/根据 IEC 61347-2-13标准/根据 IEC 62384标准/根据 CISPR 15标准/根据 IEC 61000-3-2标准/根据 IEC 61000-3-3标准/根据 IEC 61547标准           | CE / CB / RCM / EAC / ENEC 18 / BIS | 850440829000 | 11-10-2022                                                                                                  |
| OT 130/220...240/24 DIM P | 根据 EN 61347-1标准/根据 EN 61347-2-13标准/根据 EN 55015标准/根据 EN 61547标准/根据 EN 61000-3-2标准/根据 EN 61000-3-3标准/根据 EN 60598-1标准/根据 EN 62384标准 | ENEC / RCM / CCC / EAC              | 85044083900  | 23-06-2023                                                                                                  |
| OT 240/220...240/24 DIM P | 根据 IEC 61347-1标准/根据 IEC 61347-2-13标准/根据 IEC 62384标准/根据 CISPR 15标准/根据 IEC 61000-3-2标准/根据 IEC 61000-3-3标准/根据 IEC 61547标准           | CE / CB / RCM / EAC / ENEC 18 / BIS | 850440829000 | 11-10-2022                                                                                                  |
| OT 250/220...240/24 DIM P | 根据 EN 61347-1标准/根据 EN 61347-2-13标准/根据 EN 55015标准/根据 EN 61547标准/根据 EN 61000-3-2标准/根据 EN 61000-3-3标准/根据 EN 60598-1标准/根据 EN 62384标准 | ENEC / RCM / CCC / EAC              | 85044083900  | 28-04-2023                                                                                                  |

| 产品描述                     | 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. |

产品系列数据表

| 产品描述                      | Primary Article Identifier | Candidate List Substance 1 | CAS No. of substance 1 | Safe Use Instruction                                                                               |
|---------------------------|----------------------------|----------------------------|------------------------|----------------------------------------------------------------------------------------------------|
| 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 120/220...240/24 DIM P | 4008321981691              |                            |                        |                                                                                                    |
| 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 240/220...240/24 DIM P | 4008321981714              |                            |                        |                                                                                                    |
| 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. |

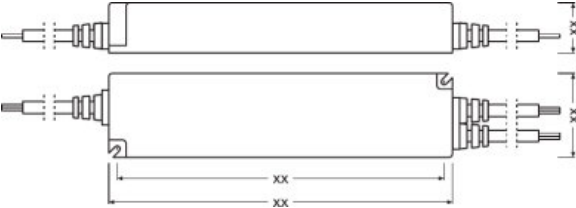
| 产品描述                      | Declaration No. in SCIP database     |
|---------------------------|--------------------------------------|
| OT 20/220...240/24 DIM P  | 45a1ad4a-59ef-45dd-9d76-aa88ea19039d |
| OT 40/220...240/24 DIM P  | 805f645e-b0e6-4962-a500-7749a5851396 |
| OT 60/220...240/24 DIM P  | 514ea1ca-5514-42d1-a479-dcbd386967b2 |
| OT 100/220...240/24 DIM P | 4a1ede5f-216f-45c0-9328-9fff99e880b5 |
| OT 120/220...240/24 DIM P | In work                              |
| OT 130/220...240/24 DIM P | f1105f25-6e31-4c8a-ac85-f86a35b70f5b |
| OT 240/220...240/24 DIM P | In work                              |

产品系列数据表

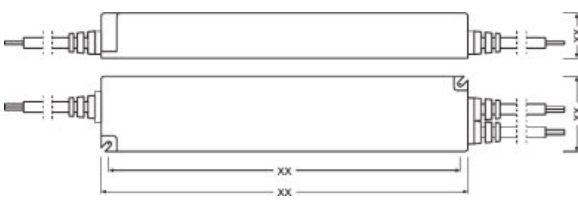
| 产品描述                      | Declaration No. in<br>SCIP database          |
|---------------------------|----------------------------------------------|
| OT 250/220...240/24 DIM P | 6106517c-2d32-<br>4662-a057-<br>18d404237ee9 |

- 1) at steady state
- 2) at 230 V, 50 Hz
- 3) 在85%的相对湿度下最多工作56天/年
- 4) 分载 0...120 W
- 5) SELV
- 6) +1.0/-0.5 V
- 7) 允许电压范围
- 8) 不凝固的
- 9) Do not switch off by 1...10 V interface to avoid infringing the ErP regulations
- 10) 分载 0...240 W

产品系列数据表



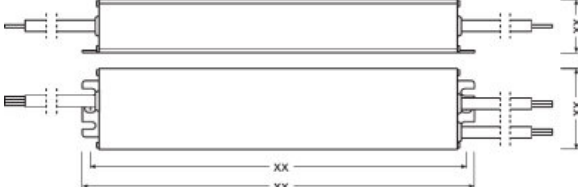
OT 20220-24024 DIM P



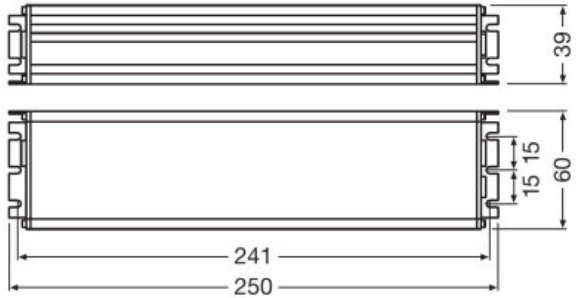
OT 40220-24024 DIM P



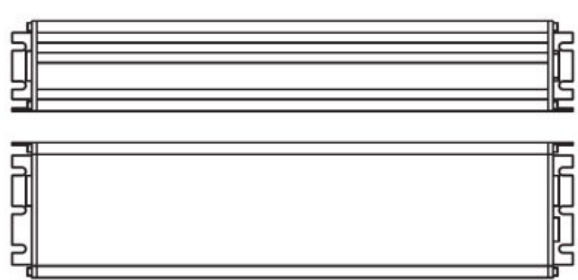
OT 60220-24024 DIM P



OT 100220-24024 DIM P

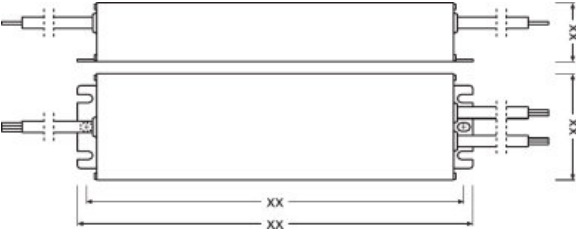


502929\_OT 120220-24024 DIM P

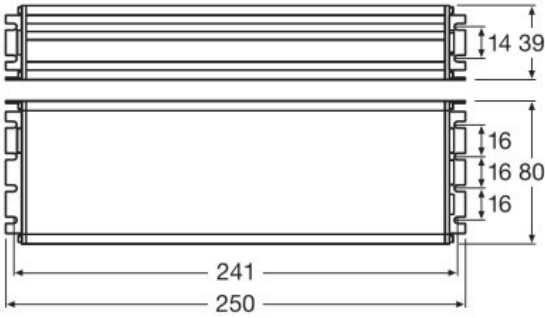


329501\_OPTOTRONIC OT 120220-24024 DIM P

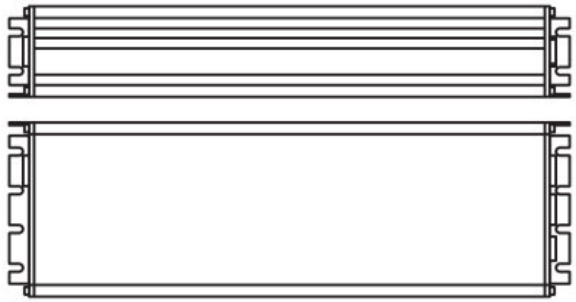
产品系列数据表



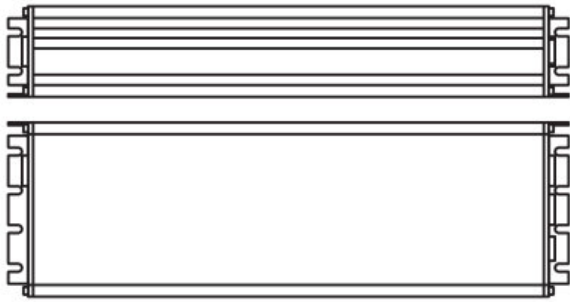
OT 130220-24024 DIM P



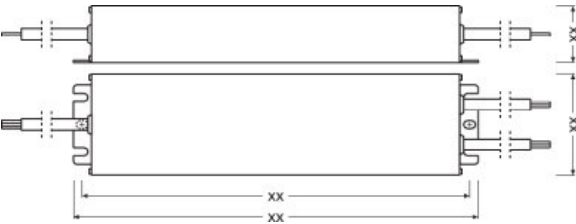
346105\_OT 240220-24024 DIM P



329590\_OPTOTRONIC OT 240220-24024 DIM P



346106\_OT 240220-24024 DIM P



OT 250220-24024 DIM P



产品系列数据表

应用建议

更多详细应用信息和图形,请参阅产品数据表。

销售和技术支持

销售和技术支持 [www.osram.cn](http://www.osram.cn)

国家特殊信息

| 产品描述                      | 产品代码          | METEL-Code | SEG-No. | STK数量   | UK Org |
|---------------------------|---------------|------------|---------|---------|--------|
| OT 120/220...240/24 DIM P | 4008321981691 | -          | -       | 4030038 | -      |
| OT 120/220...240/24 DIM P | 4008321981691 | -          | -       | 4030038 | -      |
| OT 240/220...240/24 DIM P | 4008321981714 | -          | -       | 4030039 | -      |
| OT 240/220...240/24 DIM P | 4008321981714 | -          | -       | 4030039 | -      |

下载数据

| 文件                                                                                  |                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
|  | User instruction<br>OPTOTRONIC LED Power Supply                         |
|  | Addon Technical Information<br>Dimming table for OT (EN)                |
|  | Product Datasheet<br>Datasheet OT 20220-24024 DIM P                     |
|  | 小册子<br>OPTOTRONIC constant-voltage LED power supplies and controls (EN) |
|  | 证书<br>Certificate of NSW27873-3 Mod OT 24V P G2 DIM                     |
|  | 证书<br>CCC Certificate No. 2018011002044637                              |
|  | 证书<br>CB Test Certificate No. SG PSB-LE-00930                           |
|  | 证书<br>ENEC Certificate No. U6 18 01 84117 051                           |
|  | 统一宣言<br>Attestation of Conformity No. N8A 18 01 84117 055               |
|  | 统一宣言<br>Attestation of Conformity No. E8A 18 01 84117 050               |

产品系列数据表

|                                                                                     |                                                                                         |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|    | 统一宣言<br>OT 24V P DIMP CE 3537796 09 080823                                              |
|    | CAD数据3<br>OT 20 220-240 24 DIM P-3D stp file                                            |
|    | Product Datasheet<br>Datasheet OT 40220-24024 DIM P                                     |
|    | 证书<br>CCC Certificate No. 2018011002043864                                              |
|    | Product Datasheet<br>Datasheet OT 60220-24024 DIM P                                     |
|    | Product Datasheet<br>Datasheet OT 100220-24024 DIM P                                    |
|    | 证书<br>CCC Certificate No. 2018011002043871                                              |
|    | 证书<br>OT 24 P CB 4163267 01 101023                                                      |
|    | 证书<br>ENEC Certificate No. U6 18 01 84117 048                                           |
|    | 统一宣言<br>Attestation of Conformity No. N8A 18 01 84117 054                               |
|  | 统一宣言<br>Attestation of Conformity No. E8A 18 01 84117 049                               |
|  | CAD数据3<br>OT 100 220-240 24 DIM P - 3D stp file                                         |
|  | Addon Technical Information<br>728639_Dimming table for OT (EN)                         |
|  | 小册子<br>730792_Light is universal - Easy installation of efficient complete systems (DE) |
|  | 小册子<br>730791_Light is universal - Easy installation of efficient complete systems (EN) |
|  | 小册子<br>493514_24V OPTOTRONIC outdoor drivers (GB)                                       |
|  | 证书<br>546125_ENEC certificate OT 120 220-240 24 DIM P                                   |
|  | Product Datasheet<br>Datasheet OT 130220-24024 DIM P                                    |
|  | CAD数据3<br>OT 130 220-240 24 DIM P - 3D stp file                                         |
|  | 证书<br>545904_ENEC certificate-117-N OT 240220-24024 DIM P                               |
|  | Product Datasheet<br>Datasheet OT 250220-24024 DIM P                                    |
|  | CAD数据3<br>OT 250 220-240 24 DIM P - 3D stp file                                         |

产品系列数据表

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.

物流数据

| 产品代码          | 产品描述                      | 包装单位 ( 件/单位 ) | 尺寸 ( 长 x 宽 x 高 )         | 体积                    | 毛重         |
|---------------|---------------------------|---------------|--------------------------|-----------------------|------------|
| 4052899545809 | OT 20/220...240/24 DIM P  | 箱<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 P  | 箱<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 P  | 箱<br>20       | 334 mm x 310 mm x 194 mm | 20.09 dm <sup>3</sup> | 10005.00 g |
| 4052899545861 | OT 100/220...240/24 DIM P | 箱<br>10       | 384 mm x 324 mm x 134 mm | 16.67 dm <sup>3</sup> | 8884.00 g  |
| 4008321981691 | OT 120/220...240/24 DIM P | 箱<br>10       | 560 mm x 155 mm x 400 mm | 34.72 dm <sup>3</sup> | 13400.00 g |
| 4052899545885 | OT 130/220...240/24 DIM P | 箱<br>10       | 439 mm x 299 mm x 126 mm | 16.54 dm <sup>3</sup> | 10590.00 g |
| 4008321981714 | OT 240/220...240/24 DIM P | 箱<br>8        | 540 mm x 193 mm x 400 mm | 41.69 dm <sup>3</sup> | 14460.00 g |
| 4052899545908 | OT 250/220...240/24 DIM P | 箱<br>10       | 459 mm x 344 mm x 144 mm | 22.74 dm <sup>3</sup> | 14752.00 g |

这里所提到的产品编码代表最小订购数量。一个整件包装含有一个或多个单一产品。请您在下单时，按一个或多个整件数下单。

免责声明

更改恕不另行通知。遗漏错误不承担任何责任。总是确保使用最新的信息。