

# Datenblatt Art. 946.106

Data sheet | Fiche technique | Scheda tecnica | Fișa tehnică

## TWIST 2

| Elektrische Kenngrößen                                                                                       |                                                                                 | Electrical parameters                                                                           |                                                                                 |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <b>Nennstrom / Bemessungsspannung</b>                                                                        | 16A / 250V~                                                                     | <b>Rated current / rated voltage</b>                                                            | 16A / 250V~                                                                     |
| <b>Frequenz</b>                                                                                              | 50Hz                                                                            | <b>Frequency</b>                                                                                | 50Hz                                                                            |
| <b>Nennleistung</b>                                                                                          | 3680W                                                                           | <b>Rated power</b>                                                                              | 3680W                                                                           |
| Netzanschluss                                                                                                |                                                                                 | Power supply                                                                                    |                                                                                 |
| <b>Zuleitung</b>                                                                                             | <b>2,0m   H05VV-F   3G1,5mm²</b>                                                | <b>Supply cable</b>                                                                             | <b>2,0m   H05VV-F   3G1,5mm²</b>                                                |
| Farbe Zuleitung<br>Nicht wiederanschließbar                                                                  | Schwarz                                                                         | Colour supply cable<br>Non rewirable                                                            | Black                                                                           |
| <b>Stecker</b>                                                                                               | <b>CEE 7/7 (Type E/F)</b>                                                       | <b>Plug</b>                                                                                     | <b>CEE 7/7 (Type E/F)</b>                                                       |
| Mit Aderendhülsen<br>Mit beigelegtem Montagestecker                                                          |                                                                                 | With ferrules<br>With enclosed mounting plug                                                    |                                                                                 |
| Stromausgang                                                                                                 |                                                                                 | Power output                                                                                    |                                                                                 |
| <b>Steckdosen</b>                                                                                            |                                                                                 | <b>Socket outlets</b>                                                                           |                                                                                 |
| <b>1x CEE 7/5 (Type E)</b>                                                                                   |                                                                                 | <b>1x CEE 7/5 (Type E)</b>                                                                      |                                                                                 |
| 2-polig mit Schutzkontakt<br>Mit erhöhtem Berührungsschutz<br>Schwarz, ähnlich RAL 9005<br>16A / 250V~, IP20 |                                                                                 | 2-pole with earthing contact<br>With shutter<br>Black, similar to RAL 9005<br>16A / 250V~, IP20 |                                                                                 |
| Funktionsmodule                                                                                              |                                                                                 | Function modules                                                                                |                                                                                 |
| <b>USB A&amp;C Charger 22W</b>                                                                               |                                                                                 | <b>USB A&amp;C Charger 22W</b>                                                                  |                                                                                 |
| Ausgangsspannung / Ausgangsstrom / Ausgangsleistung C-port                                                   | DC5.0V 3.0A 15.0W<br>DC9.0V 2.3A 20.7W<br>DC15.0V 1.4A 21W<br>DC20.0V 1.1A 22W  | Output voltage / Output current / Output power C-port                                           | DC5.0V 3.0A 15.0W<br>DC9.0V 2.3A 20.7W<br>DC15.0V 1.4A 21W<br>DC20.0V 1.1A 22W  |
| Ausgangsspannung / Ausgangsstrom / Ausgangsleistung Q-port                                                   | DC5.0V 3.0A 15W<br>DC9.0V 2.0A 18.0W<br>DC12.0V 1.5A 18.0W<br>DC5.0V 3.5A 17.5W | Output voltage / Output current / Output power Q-port                                           | DC5.0V 3.0A 15W<br>DC9.0V 2.0A 18.0W<br>DC12.0V 1.5A 18.0W<br>DC5.0V 3.5A 17.5W |
| Ausgangsspannung / Ausgangsstrom / Ausgangsleistung C port + Q port (beide Ausgänge)                         |                                                                                 | Output voltage / Output current / Output power C port + Q port (both output)                    |                                                                                 |
| Durchschnittseffizienz                                                                                       |                                                                                 | Average active efficiency                                                                       |                                                                                 |
| C port DC5.0V 3.0A 15.0W                                                                                     | 83.0 %                                                                          | C port DC5.0V 3.0A 15.0W                                                                        | 83.0 %                                                                          |
| C port DC9.0V 2.3A 20.7W                                                                                     | 86.4 %                                                                          | C port DC9.0V 2.3A 20.7W                                                                        | 86.4 %                                                                          |
| C port DC15.0V 1.4A 21.0W                                                                                    | 86.9 %                                                                          | C port DC15.0V 1.4A 21.0W                                                                       | 86.9 %                                                                          |
| C port DC20.0V 1.1A 22W                                                                                      | 86.5 %                                                                          | C port DC20.0V 1.1A 22W                                                                         | 86.5 %                                                                          |
| Q-port DC5.0V 3.0A 15.0W                                                                                     | 83.1 %                                                                          | Q-port DC5.0V 3.0A 15.0W                                                                        | 83.1 %                                                                          |
| Q-port DC9.0V 2.0A 18.0W                                                                                     | 85.4 %                                                                          | Q-port DC9.0V 2.0A 18.0W                                                                        | 85.4 %                                                                          |
| Q-port DC12.0V 1.5A 18.0W                                                                                    | 86.0 %                                                                          | Q-port DC12.0V 1.5A 18.0W                                                                       | 86.0 %                                                                          |
| C port + Q port DC5.0V 3.5A 17.5W                                                                            | 83.9 %                                                                          | C port + Q port DC5.0V 3.5A 17.5W                                                               | 83.9 %                                                                          |
| Effizienz bei niedriger Last 10%                                                                             |                                                                                 | Efficiency at low load (10%)                                                                    |                                                                                 |

|                                   |            |                                      |            |
|-----------------------------------|------------|--------------------------------------|------------|
| C port DC5.0V 3.0A 15.0W          | 80.7 %     | C port DC5.0V 3.0A 15.0W             | 80.7 %     |
| C port DC9.0V 2.3A 20.7W          | 80.3 %     | C port DC9.0V 2.3A 20.7W             | 80.3 %     |
| C port DC15.0V 1.4A 21.0W         | 77.0 %     | C port DC15.0V 1.4A 21.0W            | 77.0 %     |
| C port DC20.0V 1.1A 22W           | 73.5 %     | C port DC20.0V 1.1A 22W              | 73.5 %     |
| Q port DC5.0V 3.0A 15.0W          | 80.8 %     | Q port DC5.0V 3.0A 15.0W             | 80.8 %     |
| Q port DC9.0V 2.0A 18.0W          | 83.6 %     | Q port DC9.0V 2.0A 18.0W             | 83.6 %     |
| Q port DC12.0V 1.5A 18.0W         | 82.8 %     | Q port DC12.0V 1.5A 18.0W            | 82.8 %     |
| C port + Q port DC5.0V 3.5A 17.5W | 82.8 %     | C port + Q port DC5.0V 3.5A 17.5W    | 82.8 %     |
| Leistungsaufnahme bei Nulllast    | 0.09 W     | No-load power consumption            | 0.09 W     |
| Ladestandard<br>Power Delivery    | USB 3.1 PD | Charging standards<br>Power Delivery | USB 3.1 PD |

## Weitere Produkteigenschaften

|                           |          |
|---------------------------|----------|
| <b>Tischplattenstärke</b> | 6-40mm   |
| <b>Einbautiefe</b>        | ca. 40mm |
| <b>Plattform</b>          | TWIST 2  |

### Material

Gehäuse:  
PA6 GF30 850°C UL94 V0, schwarz RAL 9005

### Abdeckung:

Metall, lackiert in schwarz ähnlich RAL 9005, seidenmatt 30GE

### Montage

|                 |                 |
|-----------------|-----------------|
| Tischausschnitt | 104 (+/-0,5) mm |
|-----------------|-----------------|

### Lieferumfang

1x TWIST2  
1x Montagestecker  
1x Montagewerkzeug  
1x Befestigungsplättchen für Arbeitsplatten von 6-24mm

Im Karton

## Further product attributes

|                           |          |
|---------------------------|----------|
| <b>Tabletop thickness</b> | 6-40mm   |
| <b>Mounting depth</b>     | ca. 40mm |
| <b>Platform</b>           | TWIST 2  |

### Material

Housing:  
PA6 GF30 850°C UL94 V0, black similar to RAL 9005

### Cover:

Metal, painted in black similar to RAL 9005, semi-matt 30GE

### Mounting

|               |                 |
|---------------|-----------------|
| Table cut-out | 104 (+/-0,5) mm |
|---------------|-----------------|

### Scope of delivery

1x TWIST2  
1x Mounting plug  
1x Mounting tool  
1x Fixing plates for tabletops from 6-24mm

In carton

## Umgebungsbedingungen

|                                                        |              |
|--------------------------------------------------------|--------------|
| <b>Maximale Höhe</b>                                   | 0 - 2000m    |
| <b>Umgebungstemperatur bei Montage und Nutzung</b>     | 5°C – 35°C   |
| <b>Vor direkter Sonneneinstrahlung schützen.</b>       |              |
| <b>Umgebungstemperatur bei Transport und Lagerung</b>  | -20°C - 60°C |
| <b>Relative Luftfeuchtigkeit (nicht kondensierend)</b> | 10 – 90%     |
| <b>Luftdruck</b>                                       | 80-108 kPa   |
| <b>Schutzart</b>                                       | IP20         |

## Environmental conditions

|                                                             |              |
|-------------------------------------------------------------|--------------|
| <b>Maximum height</b>                                       | 0 - 2000m    |
| <b>Surrounding temperature during mounting and use</b>      | 5°C – 35°C   |
| <b>Protect from direct sunlight.</b>                        |              |
| <b>Surrounding temperature during transport and storage</b> | -20°C - 60°C |
| <b>Relative humidity (non-condensing)</b>                   | 10 – 90%     |
| <b>Air pressure</b>                                         | 80-108 kPa   |
| <b>Protection type</b>                                      | IP20         |

## Konformität

|                          |                                                                                    |
|--------------------------|------------------------------------------------------------------------------------|
| <b>Angewandte Normen</b> | IEC 60884-1<br>NF C61-314<br>IEC 62368-1 (USB-Charger)<br>EN 62368-1 (USB-Charger) |
|--------------------------|------------------------------------------------------------------------------------|

## Conformity

|                          |                                                                                    |
|--------------------------|------------------------------------------------------------------------------------|
| <b>Applied standards</b> | IEC 60884-1<br>NF C61-314<br>IEC 62368-1 (USB-Charger)<br>EN 62368-1 (USB-Charger) |
|--------------------------|------------------------------------------------------------------------------------|