

Technical data sheet

Connection unit

Part no.: 53800151

CU400P-AIDA

Contents

- Technical data
- Electrical connection



For illustration purposes only



Technical data

Basic data

| | |
|--------------|-------------------------------|
| Suitable for | RSL 420P safety laser scanner |
| | RSL 450P safety laser scanner |
| | RSL 455P safety laser scanner |

Connection

| | |
|-----------------------|------------|
| Number of connections | 4 Piece(s) |
|-----------------------|------------|

Connection 1

| | |
|--------------------|------------------------|
| Function | Voltage supply |
| Type of connection | PROFINET push-pull 24V |

Connection 2

| | |
|--------------------|-----------------|
| Function | Ethernet, input |
| Type of connection | RJ45 |

Connection 3

| | |
|--------------------|------------------|
| Function | Ethernet, output |
| Type of connection | RJ45 |

Connection 4

| | |
|--------------------|------------------------|
| Function | Voltage supply |
| Type of connection | PROFINET push-pull 24V |

Mechanical data

| | |
|-----------------------|-----------------------------|
| Dimension (W x H x L) | 140.2 mm x 93.8 mm x 142 mm |
| Housing material | Metal |
| Metal housing | Diecast zinc |
| Net weight | 3,230 g |
| Housing color | Black |
| Type of fastening | Bayonet system |

Classification

| | |
|-----------------------|----------|
| Customs tariff number | 85389099 |
| ECLASS 5.1.4 | 27279290 |
| ECLASS 8.0 | 27279290 |
| ECLASS 9.0 | 27279090 |
| ECLASS 10.0 | 27272791 |
| ECLASS 11.0 | 27272791 |
| ECLASS 12.0 | 27272791 |
| ECLASS 13.0 | 27272791 |
| ECLASS 14.0 | 27272791 |
| ECLASS 15.0 | 27272791 |
| ECLASS 16.0 | 27272791 |
| ETIM 5.0 | EC002498 |
| ETIM 6.0 | EC003015 |
| ETIM 7.0 | EC003015 |
| ETIM 8.0 | EC003015 |
| ETIM 9.0 | EC003015 |
| ETIM 10.0 | EC003015 |

Electrical connection

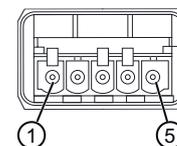
Connection 1

XD1

| | |
|--------------------|------------------------|
| Function | Voltage supply |
| Type of connection | PROFINET push-pull 24V |
| No. of pins | 5 -pin |

| Pin | Pin assignment |
|-----|----------------|
|-----|----------------|

| | |
|---|-------|
| 1 | +24 V |
| 2 | 0 V |
| 3 | +24 V |
| 4 | 0 V |
| 5 | GND |



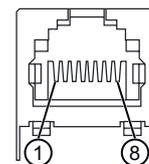
Connection 2

XF1

| | |
|--------------------|-----------------|
| Function | Ethernet, input |
| Type of connection | RJ45 |
| Connector housing | FE/SHIELD |

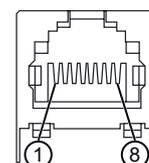
Electrical connection

| Pin | Pin assignment | Conductor color |
|-----|----------------|-----------------|
| 1 | TD+ | Yellow |
| 2 | TD- | Orange |
| 3 | RD+ | White |
| 4 | n.c. | - |
| 5 | n.c. | - |
| 6 | RD- | Blue |
| 7 | n.c. | - |
| 8 | n.c. | - |



| Connection 3 | XF2 |
|--------------------|------------------|
| Function | Ethernet, output |
| Type of connection | RJ45 |
| Connector housing | FE/SHIELD |

| Pin | Pin assignment | Conductor color |
|-----|----------------|-----------------|
| 1 | TD+ | Yellow |
| 2 | TD- | Orange |
| 3 | RD+ | White |
| 4 | n.c. | - |
| 5 | n.c. | - |
| 6 | RD- | Blue |
| 7 | n.c. | - |
| 8 | n.c. | - |



| Connection 4 | XD2 |
|--------------------|------------------------|
| Function | Voltage supply |
| Type of connection | PROFINET push-pull 24V |
| No. of pins | 5 -pin |

| Pin | Pin assignment |
|-----|----------------|
| 1 | +24 V |
| 2 | 0 V |
| 3 | +24 V |
| 4 | 0 V |
| 5 | GND |

