

## MC4 Branch Connectors (1500V DC) Branch Socket and Branch Plug

Branch connectors make it possible to parallel wire PV modules with output cables.

- For a safe and simple parallel or serial-parallel connection of PV-modules.
- Pluggable with single-pole V-cable coupler MC4.
- Unmated connections must be protected by sealing caps.

| Part No   | Description   | Approvals                                                                         |
|-----------|---------------|-----------------------------------------------------------------------------------|
| T/PV-AZB4 | Branch socket |  |
| T/PV-AZS4 | Branch plug   |                                                                                   |

### Technical data

|                                                        |                    |
|--------------------------------------------------------|--------------------|
| Connector system                                       | Ø 4 mm             |
| Rated voltage                                          | 1500 V DC (UL)     |
| Rated current                                          | 50 A               |
| Rated impulse voltage                                  | 12 kV              |
| Ambient temperature range                              | -40°C...+85°C (UL) |
| Upper limiting temperature                             | 105°C (Stäubli)    |
| Degree of protection, mated<br>unmated                 | IP67<br>IP2X       |
| Overvoltage category / Pollution degree                | CATIII / 2         |
| Contact resistance of plug connectors                  | ≤ 0.5 mΩ           |
| Safety class                                           | II                 |
| Contact system                                         | MULTILAM           |
| Contact material                                       | Copper, tin plated |
| Insulation material                                    | PC                 |
| Locking system (UL)                                    | Locking type       |
| Flame class                                            | UL94-V0            |
| UL recognized component,<br>in accordance with UL 6703 | E343181            |

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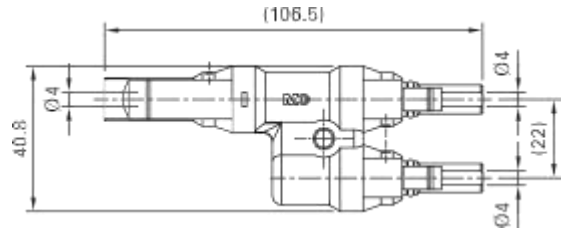
Unit F11, Roete 24  
Meadowdale  
Germiston



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T/PV-AZB4



T/PV-AZS4

