

PRODUCT-DETAILS

# Pluto D45 (Harsh Env)

## Pluto D45 (Harsh Env) Programmable safety controller



### General Information

|                       |  |
|-----------------------|--|
| Extended Product Type | Pluto D45 (Harsh Env)  |
| Product ID            | 2TLA020070R6601  |
| EAN                   | 7350024480917  |
| Catalog Description   | Pluto D45 (Harsh Env) Programmable safety controller   |
| Long Description      | Safety PLC with Pluto safety bus and analogue inputs. Totally 45 I/O: 8 combined failsafe analogue and digital inputs + 16 failsafe inputs + 15 non-failsafe outputs/failsafe inputs + 4 individually failsafe relay outputs + 2 individually failsafe transistor outputs. Analogue input range 0-10V/4-20mA. Coated PCBs. |

### Ordering

|                        |            |
|------------------------|------------|
| Minimum Order Quantity | 1 piece    |
| Customs Tariff Number  | 8536411090 |

### Popular Downloads

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 2TLC010001C0202                    |
| Instructions and Manuals          | 2TLC172001M0210                    |
| Marketing Video                   | 2TLC010032N0201<br>2TLC010018N0201 |

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## Dimensions

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|                            |         |
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| Product Net Depth / Length | 120 mm  |
| Product Net Height         | 84 mm   |
| Product Net Width          | 90 mm   |
| Product Net Weight         | 0.65 kg |

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## Technical

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| Diagnostic Coverage                            | High   |
| Number of Inputs                               | Analog (0 ... 10 V / 4 ... 20 mA) 8<br>Counter 4<br>Failsafe 39  |
| Number of Outputs                              | Failsafe (Transistor) 2<br>Failsafe (Relay) 4<br>Non-Failsafe 15 |
| Performance Level (PL)                         | Up to e  |
| Protocol Type                                  | MODBUS ASCII, Pluto Safety Bus, StatusBus                        |
| Rated Control Supply Voltage (U <sub>s</sub> ) | 24 V DC  |
| Supply Voltage                                 | 24 V DC  |

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## Certificates and Declarations (Document Number)

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|--------------------------------|-----------------|
| Declaration of Conformity - CE | 2TLC172011D0201 |
| Environmental Information      | 2TLC172001D0201 |
| Instructions and Manuals       | 2TLC172001M0210 |
| RoHS Information               | 2TLC172006D0201 |
| TÜV Certificate                | 2TLC172005D0201 |

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## Classifications

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|                            |   |
|----------------------------|---|
| Object Classification Code | K   |
| ETIM 4                     | EC001449 - Device for monitoring of safety-related circuits |
| ETIM 5                     | EC001449 - Device for monitoring of safety-related circuits |
| ETIM 6                     | EC000236 - PLC CPU-module                                   |
| ETIM 7                     | EC000236 - PLC CPU-module                                   |
| eClass                     | V11.0 : 27242207  |

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## Categories

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Low Voltage Products and Systems → Control Products → Safety Products → Programmable Safety Controllers → Pluto

