



PRODUCT-DETAILS

# Pluto B42 AS-i

## Pluto B42 AS-i Programmable safety controller



General Information	
Extended Product Type	Pluto B42 AS-i
Product ID	2TLA020070R1400
EAN	7320500410608
Catalog Description	Pluto B42 AS-i Programmable safety controller
Long Description	<p>Pluto is a cost effective, powerful and compact safety PLC for all machine safety applications. Most safety devices on the market can be connected directly to Pluto and multiple safety sensors can be connected to a single input and still achieve the highest safety level. Programming is done easily in the accompanying software Pluto Manager.</p> <p>Safety PLC with AS-i bus and Pluto safety bus. Totally 42 I/O: 20 failsafe inputs + 16 non-failsafe outputs/failsafe inputs + 4 individually failsafe relay outputs + 2 individually failsafe transistor outputs.</p>

Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	8536411090
Product Main Type	Pluto
Product Name	Programmable safety controller

**Popular Downloads**

Data Sheet, Technical Information	2TLC010035L0201
Data Sheet, Technical Information (Part 2)	2TLC172217D0201
Instructions and Manuals	2TLC172001M0210
Marketing Video	2TLC010032N0201 2TLC010018N0201

**Dimensions**

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

**Safety Information**

Performance Level (PL)	Up to e
Safety Integrity Level (SIL)	1 2 3

**Technical**

Diagnostic Coverage	High
Number of Inputs	Failsafe 36
Number of Outputs	Failsafe (Transistor) 2 Failsafe (Relay) 4 Non-Failsafe 16
Protocol Type	MODBUS ASCII, Pluto Safety Bus, AS-i, StatusBus
Rated Control Supply Voltage (U <sub>s</sub> )	24 V DC
Supply Voltage	24 V DC

**Material Compliance**

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2022-006480
RoHS Information	2CMT2022-006499
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006522
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

**Certificates and Declarations**

CQC Certificate	No declaration needed
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Declaration of Conformity - CCC	No declaration needed
Declaration of Conformity - CE	2TLC172011D0202
Declaration of Conformity - UKCA	2TLC010187D0201
TÜV Certificate	2TLC172005D0201

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	90 mm
Package Level 1 Depth / Length	130 mm
Package Level 1 Height	105 mm
Package Level 1 Gross Weight	0.7 kg
Package Level 1 EAN	7320500410608

### Classifications

eClass	V11.0 : 27242207
ETIM 7	EC000236 - PLC CPU-module
ETIM 8	EC000236 - PLC CPU-module
ETIM 9	EC000236 - PLC CPU-module
IDEA Granular Category Code (IGCC)	3561 >> Programmable Logic Controller Module
UNSPSC	32151705
Object Classification Code	K
E-Number (Finland)	2712155
E-Number (Sweden)	3860089

### Categories

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

