



PRODUCT-DETAILS

HD5-B-102

HD5-B-102 Three-Position Device



General Information	
Extended Product Type	HD5-B-102
Product ID	2TLA920502R0004
EAN	4013614554025
Catalog Description	HD5-B-102 Three-Position Device
Long Description	HD5-B-102 Three position handheld device with AS-i Integrated technology. 1 front + 2 top auxiliary buttons. Home position sensor and flashlight. M12-5 male connector.
	HD5 three-position devices are used to allow a limited movement of the machine when the operator is in the dangerous area, for example during troubleshooting, test running and programming.
	It can be used up to PL e/Cat 4. HD5 is developed to meet most demands of the food and beverage industry. The housing is made of fiberglass reinforced plastic, which resists the most commonly used chemicals during cleaning in the food and beverage industry. Without sharp edges, there are no places where dirt and bacteria can be accumulated. The construction of the HD5 prevents condensation inside the product when subject to temperature changes in a wet environment. HD5 has IP65 rating. HD5 comes optional with two additional buttons on top of the device or with an emergency stop button. Specific devices offer LED flashlight, a motion sensor and a home position sensor. For home position sensing the designated bracket HD5-M-001 needs to be used additionally.

Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85365019
Product Main Type	HD5
Product Name	Three-Position Device
Function	Three-position device used to allow a limited movement of the machine when the operator is in the dangerous area. Developed for the Food and Beverage industry.
Sub-Function	1 front and 2 top auxiliary buttons
Sub-Function 2	Flashlight Home position sensor
Status Indicator	Yes
Application	Suitable for Food and Beverage

Popular Downloads	
Data Sheet, Technical Information	2TLC010093L0201
Instructions and Manuals	2CDC172107D0201
Dimension Diagram	2CDC172112D0201
CAD Dimensional Drawing	2CDC001079B0201
Marketing Video	2TLC010018N0201

Dimensions	
Product Net Depth / Length	75 mm
Product Net Height	185 mm
Product Net Width	55 mm
Product Net Weight	0.26 kg

Safety Information	
Certification Agency	cULus TÜV SÜD
Performance Level (PL)	Up to e
B10d Value	Operations to Bottom Position 968 000 Operations to Middle Position 2 million

Technical	
Communication Interface	AS-i
Connection Configuration	M12-5 male
Number of Contacts CO	2
Number of Contacts NC	0
Number of Contacts NO	0
Rated Operational Current DC-12 (I _o)	(24 V) 0.02 A
Rated Operational Voltage	30 V DC

Technical UL/CSA	
Enclosure Type UL/CSA	1

Environmental	
Ambient Air Temperature	Operation -10 ... 50 °C Storage -20 ... 70 °C
Degree of Protection	IP65
Material	Additional buttons: TPE Handle: Fiberglass reinforced plastic, PPH G30 Three-position button: TF4STE B102

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	
CCC Certificate	No certification needed
CQC Certificate	No certification needed
cULus Certificate	2TLC010050D0201
Declaration of Conformity - CCC	No declaration needed
Declaration of Conformity - CE	2TLC010045D0201
Declaration of Conformity - UKCA	2TLC010191D0201
TÜV Certificate	2TLC010054D0201 2TLC010053D0201

Container Information	
Package Level 1 Units	1 piece
Package Level 1 Width	300 mm
Package Level 1 Depth / Length	300 mm
Package Level 1 Height	60 mm
Package Level 1 Gross Weight	0.26 kg
Package Level 1 EAN	4013614554025

Classifications	
eClass	V11.0 : 27371238
ETIM 7	EC002571 - Agreement switch
ETIM 8	EC002571 - Agreement switch
ETIM 9	EC002571 - Agreement switch
Object Classification Code	S

Categories

Low Voltage Products and Systems → Control Products → Safety Products → Safety Control Devices → JSHD

