

CHECKMASTER 2 - Test device

2905256

<https://www.phoenixcontact.com/us/products/2905256>



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CHECKMASTER 2 test device for testing the correct function of surge protective devices from Phoenix Contact.

Product description

Test adapters are not supplied as standard with the CHECKMASTER 2. The required test adapters must be ordered separately.

Your advantages

- Fully automatic electrical testing of pluggable surge protective devices due to integrated PLC with high-voltage power supply unit
- Easy replacement of test adapters due to tool-free interlocking
- Electrical test with voltages of up to 2,000 V DC possible - depending on the type of surge protective device
- Convenient operation via LC touch screen and bar code scanner
- Convenient read-out of test results and easy firmware updates via integrated USB interface
- Robust plastic transport case with removable lid
- Additional compartment for another test adapter
- No additional software required
- No data cable required
- Easy transfer of test reports to Office programs
- Easy system software update via USB stick
- USB interface for connecting standard USB sticks
- Barcode scanner for automatic identification of surge protective devices and for reading user-specific barcodes (e.g., plant identification codes)
- Automatic and program-controlled testing of surge protective devices
- Integrated programmable logic controller with high-voltage source and constant current source
- Easy and tool-free changing of test adapters
- Modular test device for virtually all plug-in surge arresters from Phoenix Contact
- Easy operation by means of color touch display with virtual keypad

Commercial data

Item number	2905256
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	CL05
Product key	CLB121
Catalog page	Page 221 (C-4-2019)

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GTIN	4046356939560
Weight per piece (including packing)	11.62 kg
Weight per piece (excluding packing)	8.625 kg
Customs tariff number	90303370
Country of origin	DE

Technical data

Product properties

Product type	Arrester test system
Insulation characteristics	
Protection class	I
Overvoltage category	II
Pollution degree	2

Electrical properties

Nominal frequency f_N	50 Hz (60 Hz)
Nominal voltage U_N	230 V AC
	100 V AC ... 240 V AC

Connection data

Power supply	
Connection method	Inlet connector for non-heating dev. - IEC 60320-1/C14

Interfaces

Data	
Interface	USB
Connection method	Type A

Dimensions

Width	432 mm
Height	170 mm
Depth	301 mm

Material specifications

Color	black (RAL 9005)
Housing material	ABS

Cable/line

Cable length	3.00 m
Cable/line name	H05 VV-F

Mechanical properties

Mechanical data	
Open side panel	No

Environmental and real-life conditions

Ambient conditions	
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Degree of protection	IP30 (in the ready-to-operate state)
Ambient temperature (operation)	5 °C ... 35 °C
Ambient temperature (storage/transport)	-10 °C ... 60 °C
Altitude	2000 m
Permissible humidity (operation)	20 % ... 80 % (relative humidity)

Standards and regulations

Standards/specifications	DIN EN 61010-1
Note	2011

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Classifications

ECLASS

ECLASS-11.0	27201114
ECLASS-12.0	27201114
ECLASS-13.0	27170101

ETIM

ETIM 9.0	EC002495
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UNSPSC

UNSPSC 21.0	39121000
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
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