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
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

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

Classifications

ECLASS

ECLASS-13.0	27170101
ECLASS-15.0	27170101

ETIM

ETIM 10.0	EC002495

UNSPSC

UNSPSC 21.0	39121000

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 6(a)-I, 6(b), 6(b)-I, 6(b)-II, 6(c), 7(a), 7(a)-I, 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	4,4'-isopropylidenediphenol(CAS: 80-05-7)
	Lead(CAS: 7439-92-1)
	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	683e176d-108b-4076-9a0d-210d694b56c8

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