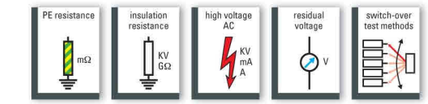
GLP1-e 60204

EN60204-VDE0113-safety tester



RS232
PC
LabView®
SPS
I/O
Analog
Print

Article Number	GLP1-e 60204 V1 **401854**	GLP1-e 60204 V2 **401855**
high-voltage test AC 500VA	•	•
maximum high voltage	6000V AC	3000V AC
high voltage potential-free	•	–
safety high-voltage test pistols	2	1
ground-continuity test 10A	•	•
insulation resistance test 500Vdc (stepless100 - 1000Vdc)	•	•
residual-voltage test	◊	◊
V1 > PE/IR ground-connection lead in 4-wire configuration	5 m	–
V1 > PE/IR test probe with switch-over and 3-color LED (green/yellow/red)	10 m	–
V2 > PE/IR/HV ground-connection lead in 4-wire configuration	–	10 m
V2 > PE/IR/HV test pistols with integrated push-button	–	1
V2 > PE/IR/HV test pistol length of connection lead	–	6 m
V2 > PE/IR/HV control panel with 3-color LED (green/yellow/red)	–	•
warning lamp	•	•
foot switch	•	–

• Standard | ◊ Option | – not available

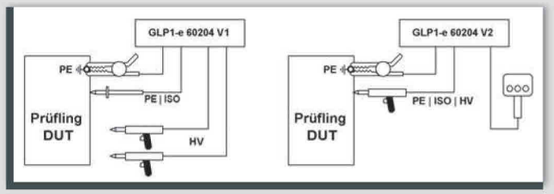
Mobile caddy

Highlights

- ground-continuity test with 10A AC in 4-wire configuration: indication of resistance or voltage drop
- insulation-resistance test: indication of resistance or current
- high-voltage test with manual voltage adjustment
- 3 modes: manual, automatic with time target and burning
- optional residual-voltage test
- acoustic error message and optical indication via signal lamps at the front panel
- integrated result storage for later data transmission
- interface for printer, remote control or result transmission
- PrintCom software for storing and printing the test results on a PC
- digital I/O interface and analog actual-value outputs
- designs: table-top unit, mobile caddy, 19" installation
- ideal pre-conditions for OEM applications
- self-test via black-box according to VDE

GLP1e-60204 testers perform electric safety tests at machines and devices according to the Machine Guideline (EN60204/VDE0113).

They are ideal for fast and easy testing in factories and on site. It is possible to perform ground-continuity tests, insulation-resistance tests, high-voltage tests and residual-voltage tests. Two models are available – differing only in the contact method.



With Model V1, the ground-continuity tests and the insulation-resistance tests with a test probe with an integrated operating unit are performed first. The high-voltage test with two safety test pistols follows. The test pistols can be delivered with or without integrated start switch and with varying cable lengths.

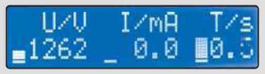
With model V2, the test object is contacted at ground (central PE-point). All three tests can be performed against this ground point with the same test pistol. By activating the selection switches on the control panel, test methods can be changed. To ensure the operator's safety, it is necessary that the high-voltage switch is activated permanently during the high-voltage test. To start the test, the test probe needs to be pushed against the test object.

The integrated RS232 interface allows to print the test results directly. You can use our Windows® software PrintCom to store and process the test results directly on the PC.

EN60204 test at a service cabinet

PE resistance

Insulation resistance



High voltage

Possible combinations of test methods

	high voltage AC	PE resistance	insulation resistance	residual voltage
Basic	•	•	•	–
Full	•	•	•	•

Refer to: