



Test Hand Telephone PHT / PHT 2

Test device for troubleshooting in telephone networks

- ▶ Operating mode: PD/DTMF
- ▶ Signalling on connection to digital lines (ISDN check)
- ▶ Amplification of receive volume
- ▶ Charge pulse detection
- ▶ TAE-N connection

Application

In analogue networks

The PHT hand telephone is a bilingual mobile test telephone that can be used for both PD and DTMF dialling modes. Its integrated 10-number memory facilitates troubleshooting work.

In digital networks (ISDN)

Digital and ISDN lines are detected with the PHT 2, which has an LED for signalling purposes.

In passive digital lines a system clock pulse (ISDN wake signal) is emitted to activate the exchange. After activation the clock pulse of the return signal emitted by the exchange is evaluated in the PHT 2.

A bi-colour LED helps to determine the polarity direction.

Line testing on a telephone distributor

An integrated 10-number memory facilitates troubleshooting work.



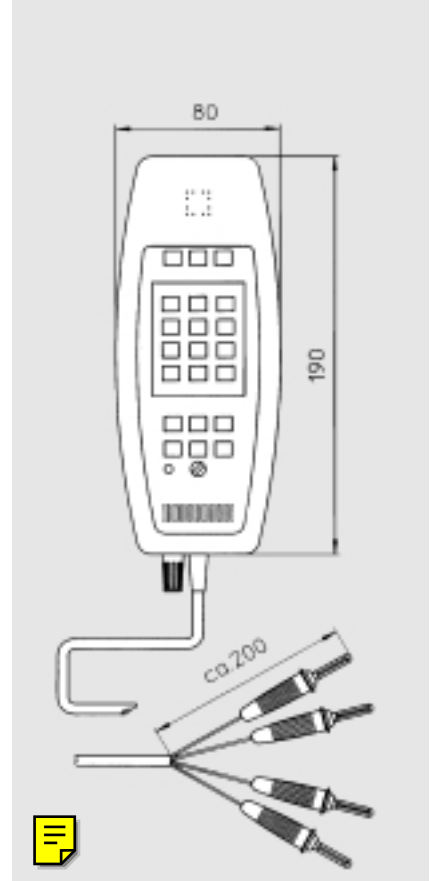
Technical specifications

PHT

Operating mode	PD 1.5 : 1
Inter-digit pause	900 ms
Flash time	95 ms
Earth key/Flash key	Programmable in dependence on the operating mode
Signal length	DTMF 80 ms (in automatic dialling)
Silent period	DTMF 80 ms (in automatic dialling)
Break after exchange code number	3 s (programmable)
Abbreviated-dialling memory	10 numbers / 17 digits each
Approval	BZT
Weight	Approx. 500 g

PHT 2

Operating mode	PD 1.5 : 1, on request 2 : 1
Inter-digit pause	900 ms
Flash time	90 ms, on request 300 ms
Earth key	Mechanical La and Lb to earth
Signal length	DTMF 80 ms (in automatic dialling)
Silent period	DTMF 80 ms (in automatic dialling)
Break after exchange code number	3 s (programmable)
Abbreviated-dialling memory	10 numbers / 16 digits each
Receive volume	+ 6 dB, adjustable
S ₀ interface	Monitoring function ($Z \geq 3 \text{ k}\Omega$)
S ₀ phantom powering	21 kHz data evaluation
UK ₀ interface	7.5 kHz and 21 kHz
ISDN wake signal	7.5 kHz
ISDN impedance	$\geq 3 \text{ k}\Omega$
Approval	BZT
Weight	Approx. 520 g



Order information

Type	Name	Version	Article no.
PHT	Test Hand Telephone	PD/DTMF	118 400 01
PHT 2	Test Hand Telephone	PF/DTMF, ISDN check	118 400 02

