

BTH-19

<https://www.gigahertz-optik.de/en-us/product/BTH-19>

Product tags:



Description

BTH-19 Series 19" 3HE Housings

Gigahertz-Optik manufactures electronic devices like lamp power supplies, stationary optometers and instrument controllers that can be combined with other light measurement devices for complete application set-ups in the field of light measurement, optoelectronic component qualification and (OPM) optical properties of material testing.

The modular concept of the 19" 3HE housings enables individual set-ups based on customers requirements.

Electronic devices are installed into the BTS-19 series housings that are available in bench top or in rack mount style.

Specifications

Dimensions	see Downloads
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Downloads

Type	Description	File-Type	Download
BTH-19/1	Dimensions	pdf	https://www.gigahertz-optik.de/assets/Uploads/101455-BTH-19-1.pdf
BTH-19/2	Dimensions	pdf	https://www.gigahertz-optik.de/assets/Uploads/101136-BTH-19-2.pdf
BTH-19/3/4	Dimensions	pdf	https://www.gigahertz-optik.de/assets/Uploads/102445-BTH-19-3-4.pdf
BTH-19/1-RM	Dimensions	pdf	https://www.gigahertz-optik.de/assets/Uploads/102659-BTH-19-1-RM.pdf

Configurable with

Produktname	Product Image	Description	Show product
X1-RM		Optometer in 3HE housing for use in 19" racks. Features: Its USB and RS232 remote interface and two additional RS232 device interfaces make the device highly flexible when it comes to system integration. Its four signal inputs enable use with all photometric, radiometric, colorimetric, plant-physiologic and photo-biologic measurement heads from Gigahertz-Optik.	https://www.gigahertz-optik.de/en-us/product/X1-RM
SC-05		System controller. Features: Universally controller for all kind of Gigahertz-Optik systems. Touch screen display, remote control via USB, RS232 and LAN interface. High performance 32bit microprocessor and multiple I/O interfaces. Modular firmware concept with configurable standard functions.	https://www.gigahertz-optik.de/en-us/product/SC-05
LPS-20		Precision LED power supply. Features: Available in four versions with 10mA, 100mA, 1000mA and 1500mA and up to 24V. Fine tuning of LED current or voltage with high resolution 16bit D/A converter. Measurement of the variable measurands with 16A/D resolution in volt or ampere.	https://www.gigahertz-optik.de/en-us/product/LPS-20
LPS-20-BP		Precision bipolare LED power supply. Features: Enables the measurement of the LED I/V characteristic. Output current of max. 1500mA at up to 24V. Fine tuning of current/voltage with high resolution 16bit D/A converter. Measurement of the measurands with 16bit A/D resolution.	https://www.gigahertz-optik.de/en-us/product/LPS-20-BP
LPS-100		Precision power supply for lamps up to 100W. Features: PWM power supply for the precision operation of halogen or LED lamps in constant current mode. The 16 bit D/A converter enables very accurate current setup and adjustment. For stress free switch on/off, the operation current is controlled with adjustable ramps.	https://www.gigahertz-optik.de/en-us/product/LPS-100
LPS-250		Precision power supply for lamps up to 250W. Features: PWM power supply for the precise operation of halogen or LED lamps in constant current mode. The 16 bit D/A converter enables very accurate current setup and adjustment. For stress free switch on/off, the operation current is controlled with adjustable ramps.	https://www.gigahertz-optik.de/en-us/product/LPS-250
X1-PCBC		Optometer module. Feature: The X1 optometer is available as a printed circuit board either with or without a housing and is suited for applications that do not require a keyboard or display. Four signal inputs enable connection with all measuring heads from Gigahertz-Optik.	https://www.gigahertz-optik.de/en-us/product/X1-PCBC
LPS-27-RM		Six-channel LED power supply. Features: Up to 6 LEDs can be individually operated. In addition to the CW operation where the LED current can be controlled between 50mA and 1500mA, the power supply also supports PWM operation of the LEDs at the set current. Maximum operation voltage 18V. RS232 interface.	https://www.gigahertz-optik.de/en-us/product/LPS-27

Purchasing information

Article-Nr	Modell	Description
Product		
15296733	BTH-19/1	Bench-top housing with 19 inch width (3HE, 84TE)
15296397	BTH-19/2	Bench-top housing with 1/2 19 inch width (3HE, 42TE)
15297761	BTH-19/3/4	Bench-top housing with 3/4 19 inch width (3HE, 63TE)
15298014	BTH-19/1-RM	19 inch rack assembly carrier (3HE, 84TE)
15297860	BTH-19Z-09	Power Supply Module (3HE, 28TE). 7.5VDC 2.1A. 12VDC 2.1A. 24VDC 6.3A.
15298257	BTH-19Z-13	Power Supply Module (3HE, 42TE). 2x24VDC 150W. 7.5VDC 25W, 12VDC 25W.