

Product selection manual



HKJK-3F intelligent monitoring device

1. Product cartridge

The HKJK-3F Intelligent monitoring device is a monitor used in conjunction with the company's HED-200 on-load tap-changer electric operating mechanism. It communicates via RS485 or optical fiber to adjust the voltage of the on-load regulator transformer in manual, automatic and remote control modes.

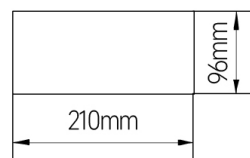
HKJK-3F intelligent monitoring device can communicate directly with the host computer through RS485 interface, and can also realize the parallel operation of multiple on-load voltage regulating transformers.

2. Function description

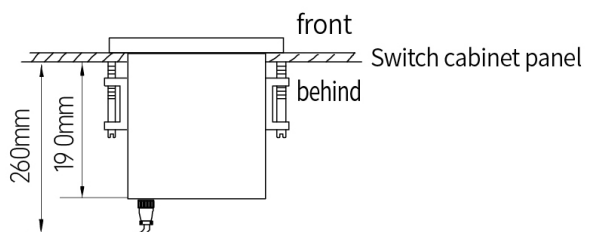
1. The HKJK-3F intelligent monitoring device realizes the switching of on-load tap-changer by operating the HED-200 electric operating mechanism to achieve the purpose of voltage regulation.
2. HKJK-3F intelligent monitoring device has four operating modes: manual, automatic, remote control and electric operation.
3. The HKJK-3F intelligent monitoring device displays sampling voltage, number of operations and tap position.
4. HKJK-3F intelligent monitoring device can realize the reference voltage, voltage regulation accuracy, delay time and parallel machine number parameter setting by pressing a button.
5. HKJK-3F intelligent monitoring device has BCD code output and remote signal input (upshift, downshift, stop must provide passive nodes).
6. The HKJK-3F intelligent monitoring device can communicate with the HED-200 electric operating mechanism through RS485 or optical fiber, and can also communicate with the host computer through one RS485, or realize the parallel operation of multiple on-load tap-changer.

3. Technical parameter

1. Operating voltage: AC 100~240V
2. Operating temperature: -20°C~60°C
3. Working humidity: ≤85%
4. Sampling signal voltage: 0~450V Step size 0.1
5. Action delay: 10 to 600S Step length 1S
6. Sensitivity: 1~9.9 length 0.1%
7. Installation mode: screen cabinet
8. BCD code output contact capacity: 5A/DC30V 5A/AC250V
9. Opening size: 210×96mm Overall size: 220×105×220mm



Opening size



Installation diagram

HKJK-3F intelligent monitoring device installation dimensions and installation diagram

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