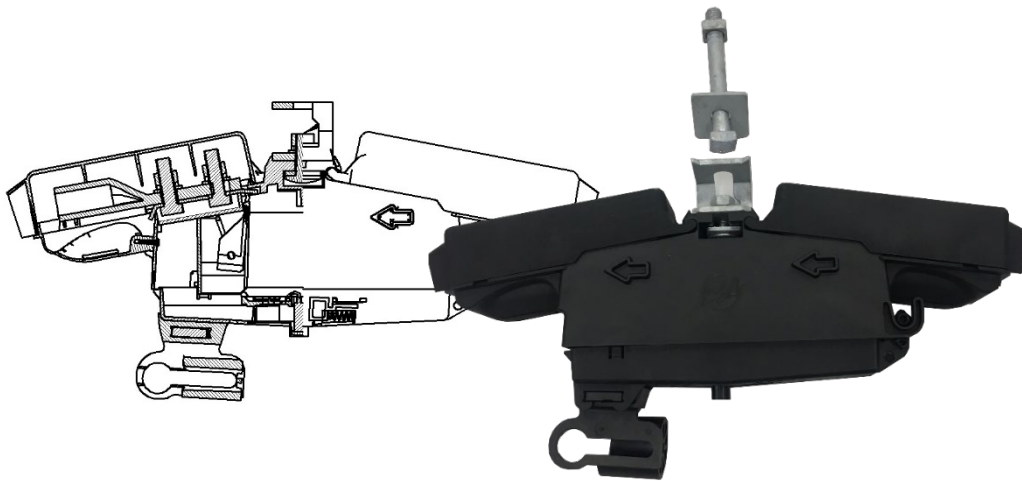


**Low Voltage Fuse Switch Disconnecter (FSD)**

Low Voltage Fuse Switch Disconnecter (FSD) is a protective device used in LV overhead distribution systems. It functions to isolate a section of the circuit for maintenance, protection against short circuits, and earthing. The switch can be operated remotely using an operating rod from ground level for safety and convenience.

Highlight Feature

All-in-One Solution : Combines switching, disconnection, and overcurrent protection in a single device.

Safe and Reliable Operation : Provides secure isolation and reliable protection for low voltage electrical systems.

- Impact resistance
- High quality frame
- Waterproof
- Evaluated through practical application
- Easy to operate

Type/Model FSD1000

Drawing No. ZT0620



Rate operational voltage	500 V AC
Rated operational current	400 A
Rated insulation voltage	1000 V
Rated frequency	50-60 Hz
Number of poles	1 Pole per module, link up to 4 modules with connector bar
Degree of protection	IP23 in horizontal mounted position
Utilization category	AC-22B at 500 V AC
Fuse types	NK1 (up to 250A), NH2 (up to 400 A)
Fuse indicator, signal lamp	Yellow, Red
Rated short circuit current	80 kA at 500 V AC with 400 A fuse
Operation	Manual switch on/off with operating rod
Terminal connection	NEMA 2 pad, bolted, up to 240 mm ²
Mounting	C-bracket, M20 bolt similar
Type test	According to IEC 60947-3:2008