

### Product information

#### MULTIVERT 160A / 100mm

- ⇒ *Clip for individual labelling*
- ⇒ *Padlocking device*
- ⇒ *Varieties of terminals:*
  - M8 screws*
  - clamp straps Cu 4 - 70mm<sup>2</sup>*
  - Al / Cu clamps 1,5 - 70mm<sup>2</sup>se*
  - V-terminal for V-terminal clamps 00SZVK1*
  - 10-50mm<sup>2</sup> round stranded, 35-70mm<sup>2</sup>sectoral stranded,*
  - 50-95mm<sup>2</sup>sectoral solid*
- ⇒ *direct installation without drilling on to 60mm bus bar systems*



#### MULTIVERT 250A, 400A, 630A

- ⇒ *ESM Electronic System Monitor*
- ⇒ *Integrated current transformers*
- ⇒ *direct installation without drilling on to 185mm bus bar systems with hooked clamps*
- ⇒ *Amperemeter - units*



### Advantages

- ⇒ **symmetrical vertical fuse switch disconnecter** - suitable for bottom / top terminal connection
- ⇒ **installation advantages**
  - ◆ **fast installation:** minimized installation time  
(only switch operating cover has to be removed for installation)  
safe and easy replacement of NH-fuse links
  - ◆ **exact installation:** placement of central cover adjustable for different heights with embossings  
graded in millimetres via support angle MZAW (accessory)
  - ◆ **compact installation:** greater number of units can be installed  
precise centre distances 100mm due to external profiles
  - ◆ **installation on to live bus bars**  
easy installation just by opening the switch door cover -  
contacts remain covered during installation
  - ◆ **defined pre-switching position:**  
switching support -> 80kA short circuit making capacity
  - ◆ **horizontal or vertical installation possible**
- ⇒ **product range**
  - ◆ **NH-fuse switch disconnectors 160A to 1250A**
  - ◆ **vertical fuse switch disconnectors for triple pole and single pole switching**
  - ◆ **bus bar coupler switch**
  - ◆ **double vertical fuse switch disconnecter up to 1250A**
  - ◆ **double vertical switch with solid links for use as vertical switch disconnecter up to 1600A**
  - ◆ **main incomers 1000A**
  - ◆ **transformer main incomers 630kVA 910A**
  - ◆ **vertical switch mountable on rails**
  - ◆ **vertical switch with rear terminal connection (front mounting)**
- ⇒ **direct installation of Electronic System Monitor ESM - (optional)**  
**integration of cabling and all instrument leads contained in the base**
- ⇒ **integrated measuring transformer (optional) with constant installation depth**  
**secondary cables of C.T. are integrated in the base**
  - ◆ **direct installation of all measuring devices** (ampere meter, volt meter, measuring recorder)
- ⇒ **Various standard types of terminals:**  
**MULTIVERT 160A: screw, clamp strap, Al / Cu clamp, V-terminal** (see page 40)  
**size 1,2,3: bolt, insert nut, V-terminal, multiple termination** (see page 40 and 41)
- ⇒ **completely insulated, touch protected according to EN 60947 / VBG4**
- ⇒ **lateral shifted ventilation slots to avoid arc-overs** to neighbouring vertical-switches
- ⇒ **park position for switch operating cover**
- ⇒ **indicating switch for door position** (open - closed) with MZHD (accessory)
- ⇒ **materials used are free of halogen, self extinguishing, marked for classified recycling**