

## E<sup>3</sup>-NH Fuse-switch vertical design for busbar systems with 210 mm distance

The future is electric. In order to meet this challenge, the provision of measured values for energy management systems is necessary. EFEN offers you a convenient solution with pre-assembled E<sup>3</sup> NH Fuse-switches, vertical design. These devices are fully prepared for recording the relevant electrical values and for direct installation on site. These can be easily integrated into data networks using wired connection terminals. The installation dimensions of the switchgear are not changed, so there is no need for complex modifications to the systems.



- **Ready to install:**  
Complete and proofed set for direct mounting.
  
- **Ready to integrate:**  
Firmly defined transmission ratios, simple integration into the management systems.
  
- **Ready to upgrade:**  
Quick and easy expansion with monitoring functions

Articel-no.	Description	Price group
E <sup>3</sup> NH Fuse-switch, vertical design, size 3, 3-pole parallel switching, cable connection for M12 cable lugs, for busbar system with 210 mm center distance		
38036-0200	NH-La-Lei E <sup>3</sup> NH3 3P SS 210 U6	NSL E <sup>3</sup> Gr. 1-3

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Technical data: E<sup>3</sup> NH-fuse-switch, vertical design, IEC/EN 60947-3

Suitable for NH fuse-links acc to DIN 43620/1	size	2, 3
Number of poles	3	
Rated operational current, I <sub>e</sub>	A	630
Conventional free-air thermic current with solid-links, I <sub>th</sub>	A	800
Rated operational voltage, U <sub>e</sub>	V	690
Rated insulation voltage, U <sub>i</sub>	V	1000
Rated impulse withstand voltage, U <sub>imp</sub>	kV	12
Rated frequency	Hz	50-60
Rated conditional short circuit current at 500V / 690V	kA	120 / 100
Utilization category	U <sub>e</sub> =400V	AC-23B
Mechanical service life	cycles	800
Electrical service life	cycles	200
Power dissipation without fuse-links	W	111
Max. power dissipation of the fuse-links	W	48
Degree of protection, device / front side	IP20	IP30
Permissible ambient temperature	°C	-25 bis +55
Operating mode	continuous operation	
Pollution degree / overvoltage category	3	IV
Torque of terminals	M12	32Nm
V-clamp cross section mm <sup>2</sup> / torque	25-300	35Nm
Claw clamp M12 cross section mm <sup>2</sup> / torque	50-150	32Nm

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Dimension drawings

