

*Quality products made in Norway for rough climatic situations*

# NEUTRAL POINT SURGE ARR. NPS

May 2024

## NEUTRAL POINT SURGE ARRESTER

### USAGE

The device protects the end-consumer from over-voltage transients caused by lightning or internal events (switching). It is used in low voltage grids with an insulated neutral. Such as in IT networks or in some industrial systems.

### GENERAL INFORMATION

Neutral point surge arrestors can be delivered with either pole or wall mount attachments.

It has an arrester element in serial connection with a fuse, when the fuse is triggered, the neutral will be directed to ground. An indicator in front will then turn from white to red. The device also has a signal contact for remote monitoring of status.

EL-tjeneste AS can provide spare arrester elements and fuses.















### USE IN CORROSIVE ENVIRONMENT








Special considerations must be taken when used in corrosive environment. Grease can prevent moisture between materials in connection points. See [www.el-tjeneste.no](http://www.el-tjeneste.no) for more information.

### INSTRUCTIONS AND DATASHEET

Mounting instructions and datasheet can be found on our webpage [www.el-tjeneste.no](http://www.el-tjeneste.no).

Each product has a label with a QR-code, this will lead to the product on the webpage.

El-no	Name	Description	Unit	Picture
2851779	Arrester element AV1000	Neutral point surge arrester element 1000V. Spare part.	PCS	
2864753	Arrester element AV240	Neutral point surge arrester element 240V. Spare part.	PCS	
2864764	Arrester element AV400	Neutral point surge arrester element 400V. Spare part.	PCS	
2864765	Arrester element AV690	Neutral point surge arrester element 690V, spare part.	PCS	
2864766	Box with cover BL	Box with cover for Neutral point surge arrester.	PCS	
2864769	Cover with slider NFK230	Cover with local indicator for neutral point overvoltage protection NPS240V. Hinge not included.	PCS	
2851776	Neutral point surge arrester NPS1000S-M	Transformer neutral point overvoltage protection for 1000V IT distribution grid. With signal contact and mountingbracket for poles.	PCS	
2851777	Neutral point surge arrester NPS1000S-V	Transformer neutral point overvoltage protection for 1000V IT distribution grid. With signal contact and mountingbracket for walls.	PCS	
2864760	Neutral point surge arrester NPS240S-M	Transformer neutral point overvoltage protection for 240V IT distribution grid. With signal contact and mountingbracket for poles.	PCS	
2864771	Neutral point surge arrester NPS240S-M3K	Transformer neutral point overvoltage protection for 240V IT distribution grid. With signal contact, triangular lock and mountingbracket for poles.	PCS	
2864762	Neutral point surge arrester NPS240S-UF	Transformer neutral point overvoltage protection for 240V IT distribution grid. With signal contact. No mountingbracket.	PCS	
2864759	Neutral point surge arrester NPS240S-V	Transformer neutral point overvoltage protection for 240V IT distribution grid. With signal contact and mountingbracket for walls.	PCS	
2864772	Neutral point surge arrester NPS240S-V-K	Transformer neutral point overvoltage protection for 240V IT distribution grid. Can be used as Voltage limiter device (VLD) for railway applications. With signal contactor and mountingbracket for walls. Cabletermination with cable lug. For cross-section >50mm <sup>2</sup> .	PCS	
2864761	Neutral point surge arrester NPS400S-V	Transformer neutral point overvoltage protection for 400V IT distribution grid. With signal contact and mountingbracket for walls.	PCS	

El-no	Name	Description	Unit	Picture
2864774	Neutral point surge arrester NPS400-V-KS	Transformer neutral point overvoltage protection for 400V IT distribution grid. Can be used as Voltage limiter device (VLD) for railway applications. With signal contactor and mountingbracet for walls. Cabletermination with cable lug. For cross-section >50mm <sup>2</sup> .	PCS	
2864763	Neutral point surge arrester NPS690S-V	Transformer neutral point overvoltage protection for 690V IT distribution grid. With signal contact and mountingbracket for walls.	PCS	
2864775	Neutral point surge arrester NPS690S-V-K	Transformer neutral point overvoltage protection for 690V IT distribution grid. Can be used as Voltage limiter device (VLD) for railway applications. With signal contactor and mountingbracet for walls. Cabletermination with cable lug. For cross-section >50mm <sup>2</sup> .	PCS	
2864767	Pole holder NMS	Pole mounting bracket for overvoltage protection NPS. Includes needed fastners.	PCS	
2864752	Safety fuse SM240	Accessory safety fuse for neutral point surge arrester.	PCS	
2864756	Triangle lock TL	Triangle lock for our neutral point surge arrester. To be used for safety reasons.	PCS	
2864768	Wall bracket NVS	Wall bracket for our neutral point surge arrester. Fasteners included.	PCS	











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