

LV HRC fuse element, NH00, In: 100 A, gG, Un AC: 690 V, Un DC: 250 V, Combined indicator, live grip lugs



| Model                                        |                                 |
|----------------------------------------------|---------------------------------|
| Product brand name                           | SETRON                          |
| Product designation                          | LV HRC fuse link                |
| Design of the product                        | With blade contacts             |
| Design of an identification indicator        | Combination alarms              |
| Design of the switching contact              | Non-corroding, silver-plated    |
| Design of the fuse link                      | LV HRC fuse link                |
| General technical data                       |                                 |
| Size of fuse system / acc. to DIN EN 60269-1 | NH00                            |
| Operating class of the fuse link             | gG                              |
| circuit-breaker / Design                     | 3NA7                            |
| Type of voltage                              | AC/DC                           |
| Operating current / at AC / rated value      | 100 A                           |
| Supply voltage                               |                                 |
| • at AC / rated value                        | 690 V                           |
| • at DC                                      | 250 V                           |
| Protection class                             |                                 |
| Protection class IP                          | IP20, with connected conductors |

## Switching capacity

### Switching capacity current

- |                                             |        |
|---------------------------------------------|--------|
| • at DC / acc. to IEC 60947-2 / rated value | 25 kA  |
| • acc. to IEC 60947-2 / rated value         | 120 kA |

## Dissipation

|                                                                                             |        |
|---------------------------------------------------------------------------------------------|--------|
| Power loss [W]                                                                              | 9.28 W |
| Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole | 9.28 W |

## Current

|                                                               |                      |
|---------------------------------------------------------------|----------------------|
| Tripping residual / rated value / derated current / at 40 Cel | 95 A                 |
| Diken-export / Let-through energy                             | DE_3NA_00_690_gG_100 |

## Mechanical Design

|                    |                          |
|--------------------|--------------------------|
| Width              |                          |
| • of the enclosure | 30 mm                    |
| Mounting position  | Any, preferably vertical |
| Net weight         | 199 g                    |

## Environmental conditions

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| Ambient temperature                  |                                     |
| • minimum                            | -5 °C                               |
| • maximum                            | 40 °C                               |
| Ambient temperature / during storage | Air humidity 90% at 20 °C           |
| Environmental category               | -20 to +50 at 95% relative humidity |

## Certificates

|                          |   |
|--------------------------|---|
| Reference code           |   |
| • acc. to DIN EN 61346-2 | F |
| • acc. to DIN EN 81346-2 | F |

| General Product Approval | Declaration of Conformity | Test Certificates |  |  | Shipping Approval |
|--------------------------|---------------------------|-------------------|--|--|-------------------|
|--------------------------|---------------------------|-------------------|--|--|-------------------|



VDE



EG-Konf.

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Miscellaneous](#)



GL

#### other

[Miscellaneous](#)

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NA7830-6>

##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3NA7830-6>

##### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

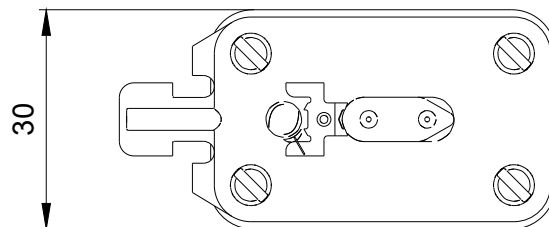
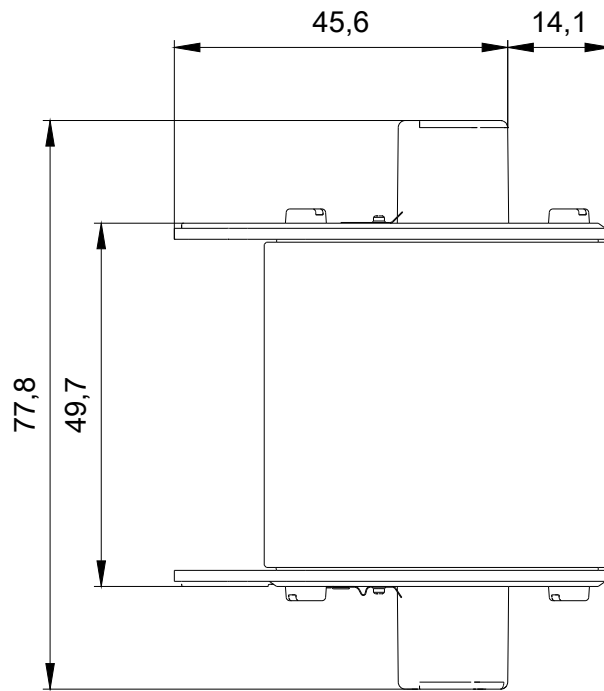
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NA7830-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA7830-6)

##### CAX-Online-Generator

<http://www.siemens.com/cax>

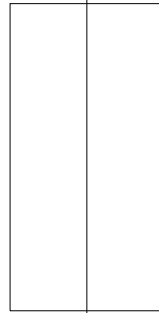
##### Tender specifications

<http://www.siemens.com/specifications>



1

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2

