



LV HRC fuse element, NH1, In: 80 A, gG, Un AC: 690 V, Un DC: 440 V, Combined indicator, Insulated 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 according to EN 60269-1                                         | NH1                                 |
| mounting type                                                                       | insulated grip lugs                 |
| type of voltage of the operating voltage                                            | AC/DC                               |
| supply voltage                                                                      |                                     |
| • at AC                                                                             | 690 V                               |
| • at DC                                                                             | 440 V                               |
| Protection class                                                                    |                                     |
| protection class IP                                                                 | IP20, with connected conductors     |
| Breaking Capacity                                                                   |                                     |
| breaking capacity                                                                   |                                     |
| • at AC according to IEC 60269 rated value                                          | 120 kA                              |
| • at DC with time constant ≤ 10 ms according to IEC 60269 rated value               | 25 kA                               |
| Dissipation                                                                         |                                     |
| power loss [W]                                                                      | 6.7 W                               |
| power loss [W] for rated value of the current at AC in hot operating state per pole | 6.7 W                               |
| Mechanical Design                                                                   |                                     |
| width of the enclosure                                                              | 30 mm                               |
| mounting position                                                                   | Any, preferably vertical            |
| net weight                                                                          | 288 g                               |
| Environmental conditions                                                            |                                     |
| ambient temperature during operation                                                |                                     |
| • minimum                                                                           | -5 °C                               |
| • maximum                                                                           | 40 °C                               |
| environmental category                                                              | -20 to +50 at 95% relative humidity |
| environmental category during storage                                               | 90% at 20°C                         |
| Certificates                                                                        |                                     |
| reference code according to IEC 81346-2                                             | FC                                  |
| Approvals Certificates                                                              |                                     |
| General Product Approval                                                            | Test Certificates                   |



[Confirmation](#)



[Miscellaneous](#)

| Marine / Shipping                                                                 | other                        | Environment                   |                               |                                             |                                             |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------|-------------------------------|---------------------------------------------|---------------------------------------------|
|  | <a href="#">Confirmation</a> | <a href="#">Miscellaneous</a> | <a href="#">Miscellaneous</a> | <a href="#">Environmental Confirmations</a> | <a href="#">Environmental Confirmations</a> |

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3NA6124-6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NA6124-6>

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

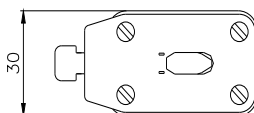
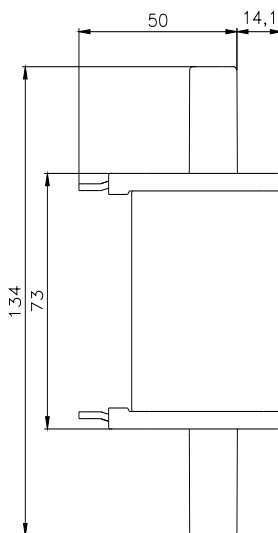
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NA6124-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA6124-6)

CAX-Online-Generator

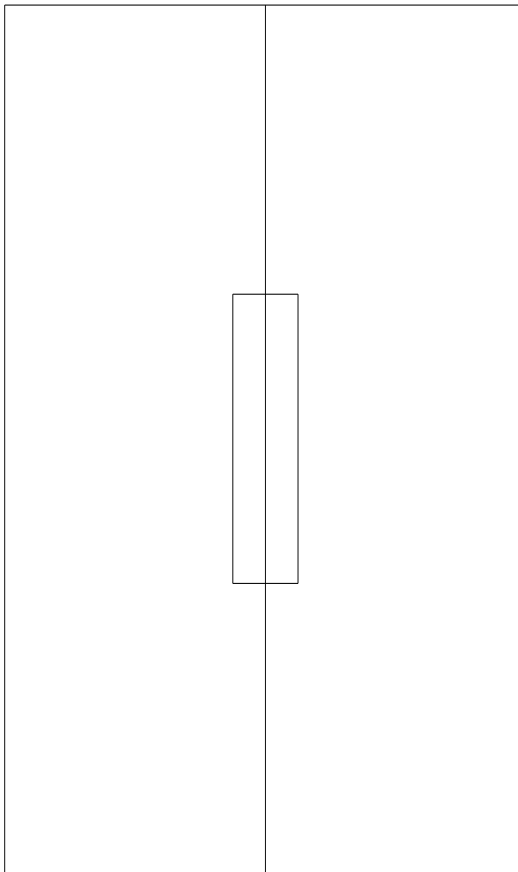
<http://www.siemens.com/cax>

Tender specifications

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



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