

LV HRC fuse element, NH1, In: 80 A, aM, Un AC: 690 V, Un DC: 400 V, Front 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	Front indicators
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	NH1
circuit-breaker / Design	3ND
Type of voltage	AC
Current / at AC / rated value	80 A
Supply voltage	
• at AC / rated value	690 V
Protection class	
Protection class IP	IP20, with connected conductors
Switching capacity	
Switching capacity current	

- acc. to IEC 60947-2 / rated value

120 kA

### Dissipation

Power loss [W]	4.9 W
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	4.9 W

### Current

Tripping residual / rated value / derated current / at 40 Cel	76 A
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### Mechanical Design

Width	
• of the enclosure	30 mm
Mounting position	Any, preferably vertical
Net weight	862 g

### Environmental conditions

Ambient temperature	-5 ... +40 °C
• 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

### Declaration of Conformity

### Test Certificates



EG-Konf.

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

### 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=3ND2124>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3ND2124>

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

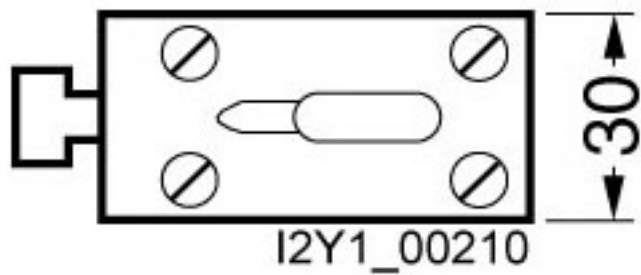
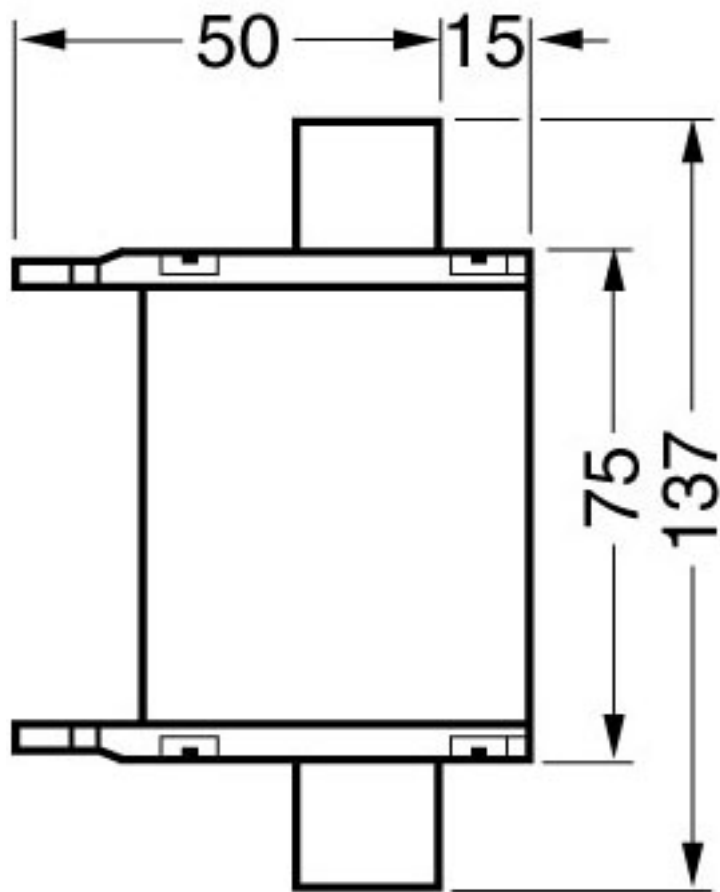
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3ND2124](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3ND2124)

#### CAX-Online-Generator

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

#### Tender specifications

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



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-F1



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