# SIEMENS

## Data sheet

## 3ND2140



LV HRC fuse element, NH1, In: 200 A, aM, Un AC: 690 V, Un DC: 400 V, Front indicator, live grip lugs

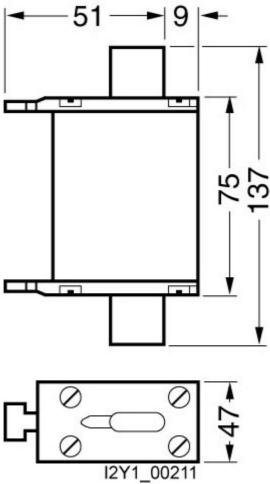
Model					
product brand name	SENTRON				
product designation	LV HRC fuse link				
design of the product	With blade contacts				
design of an identification indicator	Front indicators				
design of the switching contact	Non-corroding, silver-plated				
design of the fuse link	LV HRC fuse link				
General technical data					
size of fuse system according to EN 60269-1	NH1				
operating class of the fuse link	aM				
mounting type	non-insulated grip lugs				
type of voltage of the operating voltage	AC				
supply voltage					
• at AC rated value	690 V				
Protection class					
protection class IP	IP20, with connected conductors				
Switching capacity					
switching capacity current					
<ul> <li>according to IEC 60947-2 rated value</li> </ul>	120 kA				
Dissipation					
power loss [W]	14.1 W				
power loss [W] for rated value of the current at AC in hot	14.1 W				
operating state per pole					
Current					
operational current					
<ul> <li>at 30 °C rated value</li> </ul>	196 A				
<ul> <li>at 40 °C rated value</li> </ul>	190 A				
<ul> <li>at 45 °C rated value</li> </ul>	184 A				
<ul> <li>at 50 °C rated value</li> </ul>	180 A				
<ul> <li>at 55 °C rated value</li> </ul>	176 A				
<ul> <li>at 60 °C rated value</li> </ul>	172 A				
at AC rated value	200 A				
Mechanical Design					
width of the enclosure	47.2 mm				
mounting position	Any, preferably vertical				
net weight	433 g				
Environmental conditions					
ambient temperature during operation					
• minimum	-5 °C				
• maximum	40 °C				

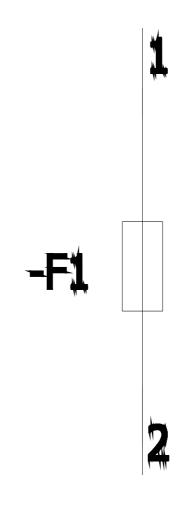
environmental category environmental category during storage		-20 to +50 at 95% relative humidity 90% at 20°C			
General Product Approval		Declaration of Conformity		Test Certificates	
<u>Confirmation</u>	EHC	CE EG-Konf.	UK CA	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>
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=3ND2140 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3ND2140 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3ND2140 CAx-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications





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