SIEMENS

Data sheet 3NP5060-0EA86



SENTRON, Fuse switch disconnector 3NP5, 3-pole, NH00, 160 A, for assembly and installation on mounting plate, with High-speed closing, screw terminal, Fuse monitoring: through 3RV, Auxiliary switch at Switch disconnector: 1 NO+1 NC, Auxiliary switch at the Fuse monitoring: 1 NO+1 NC

Model	
product brand name	SENTRON
product designation	3NP5 fuse switch disconnector
design of the product	auxiliary switch at the switch disconnector: 1 NO + 1 NC, auxiliary switch at the fuse monitoring device: 1 NO + 1 NC
design of the safety monitoring	by 3RV
design of the actuating element	Cover handle
design of the load switch strip form	No
General technical data	
number of poles	3
size of disconnecting link	NH000, NH00
size of fuse link	NH000, NH00
mounting type	Fixed mounting
fuse system	LV HRC fuse
Voltage	
insulation voltage rated value	690 V
surge voltage resistance rated value	6 kV
operating voltage	
● at AC rated value maximum	690 V
● at DC rated value	440 V
Protection class	
protection class IP on the front	IP00
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	2.66 W
Main circuit	
operational current rated value	160 A
Suitability	
suitability for use main switch	No
suitability for use switch disconnector	Yes
suitability for use EMERGENCY OFF switch	No
Product function	
product function fuse monitoring	Yes
Short circuit	
maximum short-circuit current breaking capacity (Icu) at 400 V rated value	1.6 kA
Connections	
type of electrical connection	2.5 - 150 mm² DIN 46 234 a. up to 95 mm² DIN 46 235
● for main current circuit	screw-type terminals

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Mechanical Design	
height	196 mm
width	134 mm
depth	161.5 mm
fastening method	Mounting plate
fastening method	
● floor mounting	Yes
● rail mounting	No
Net Weight	2.074 kg

Environmental conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature during operation	
● minimum	-25 °C
● maximum	55 °C
ambient temperature during storage	
● minimum	-50 °C
● maximum	80 °C

Approvals Certificates

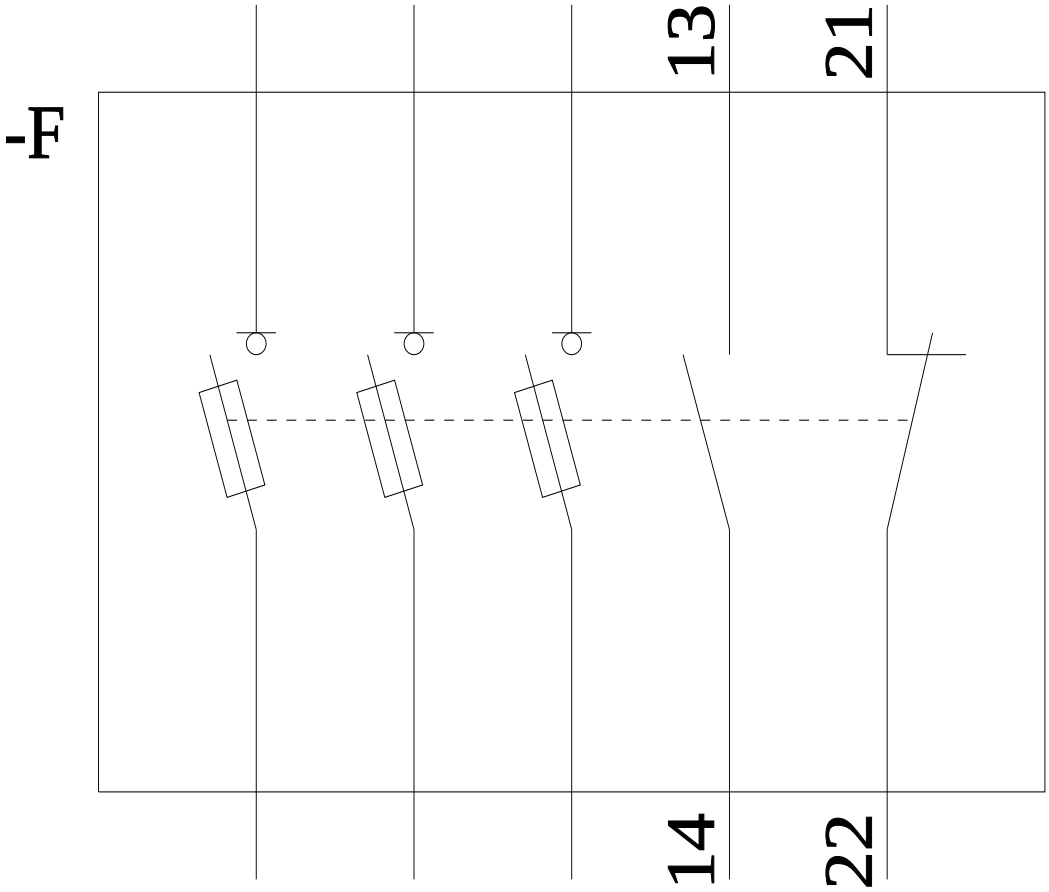
Environment		General Product Approval			
Environmental Confirmations	Environmental Confirmations		Miscellaneous		

General Product Approval	Test Certificates	other	
	Type Test Certificates/Test Report	Confirmation	

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NP5060-0EA86
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3NP5060-0EA86
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP5060-0EA86
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/3NP5060-0EA86

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