



Switch connector with fuses In-line design, pluggable NH00 160 A, 3-pole AC23A 500V , 120 (AC500V) kA manual operating Fuse monitoring EFM 20 without auxiliary switch 1 current transformer on 1 ammeter, Moving iron 150/5 A, Cl. 1 2-fold overload

Model	
product brand name	SENTRON
product designation	Switch Disconnecter with Fuses 3NJ63
design of the product	with double-break
type of ammeter	moving iron
design of the safety monitoring	EFM 20
type of the driving mechanism	manual operating mechanism
General technical data	
size of fuse link	0
let-through I _{2t} value at AC-22 B at 400 V maximum permissible	223 000 A ² ·s
let-through I _{2t} value at AC-22 B at 500 V maximum permissible	223 000 A ² ·s
fuse system	LV HRC fuse
Voltage	
operating voltage (U _e) rated value maximum	690 V
Dissipation	
power loss [W] maximum	35 W
Main circuit	
operational current rated value maximum	160 A
Suitability	
suitability for use	system protection
Short circuit	
conditional short-circuit current (I _q)	
<ul style="list-style-type: none"> • at 500 V rated value • at 690 V rated value • at 800 V rated value • at AC-23 A at 500 V rated value • at AC-23 A at 690 V rated value 	<ul style="list-style-type: none"> 120 kA 100 kA 100 kA 120 kA 100 kA
Connections	
arrangement of electrical connectors for main current circuit	stud bolt connection, M8
Mechanical Design	
height	49 mm
width	590 mm
depth	308 mm
mounting position	horizontal / vertical
design of the wiring of the transformer	1 current transformer on 1 ammeter
busbar center-to-center spacing	185 mm
Net Weight	3.79 kg
Environmental conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature during operation	
<ul style="list-style-type: none"> • minimum • maximum 	<ul style="list-style-type: none"> -25 °C 70 °C
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>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NJ6303-3AC00-1DE4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6303-3AC00-1DE4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3NJ6303-3AC00-1DE4&lang=en

Cax online generator

<http://support.automation.siemens.com/WWW/CAXorder/default.aspx?lang=en&mlfb=3NJ6303-3AC00-1DE4>

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

<https://www.siemens.com/ic10>

last modified:

9/9/2024 