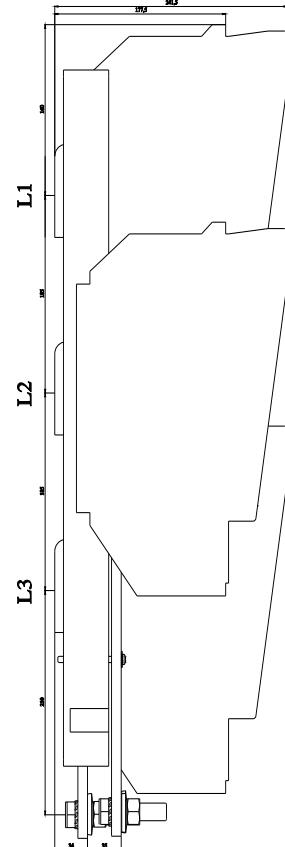
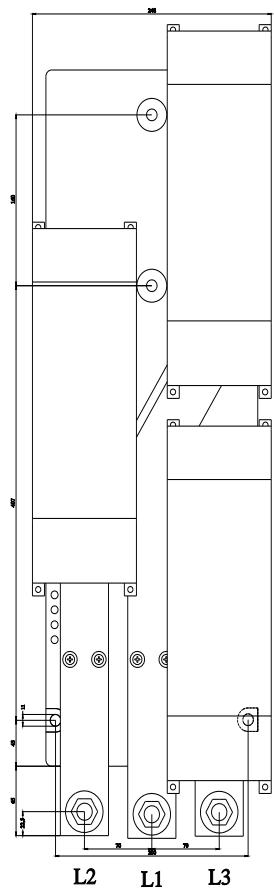




In-line fuse switch disconnector 1-pole selectable, gR 4A, I=1250 A Flat terminal M16x 60

Model	
product brand name	SENTRON
product designation	Fuse switch disconnectors
design of the product	in in-line design
type of switching contact double breaking switching contact	No
design of the auxiliary release	Without
design of the safety monitoring	Without
design of the load switch strip form	Yes
General technical data	
number of poles	3
number of poles note	1-pole switchable
type of device	For busbar system 185 mm
size of fuse link	NH4a
fuse system	LV HRC fuse
Voltage	
insulation voltage rated value	1 000 V
operational current	
• at AC-21 B at 400 V rated value	1 250 A
• at AC-21 B at 500 V rated value	1 250 A
• at AC-21 B at 690 V rated value	1 250 A
• at AC-23 B at 400 V rated value	1 250 A
operating voltage	
• at AC rated value	690 V
• at DC rated value	440 V
Protection class	
protection class IP on the front	IP30
Dissipation	
power loss [W]	
• for rated value of the current at AC in hot operating state per pole	100 W
• maximum	300 W
Main circuit	
operational current	
• rated value	1 250 A
• with capacitive load at 400 V rated value	700 A
• with capacitive load at 500 V rated value	520 A
Suitability	
suitability for operation	System protection
suitability for use main switch	No

suitability for use switch disconnector	Yes			
suitability for use EMERGENCY OFF switch	No			
suitability for use safety switch	No			
suitability for use maintenance/repair switch	No			
Product details				
product component				
• voltage trigger	No			
• undervoltage release	No			
• undervoltage release with leading contact	No			
Short circuit				
conditional short-circuit current (I _q)				
• at AC-21 B at 400 V rated value	50 kA			
• at AC-21 B at 500 V rated value	50 kA			
• at AC-21 B at 690 V rated value	50 kA			
• at AC-22 B at 400 V rated value	50 kA			
• at AC-22 B at 500 V rated value	50 kA			
• at AC-22 B at 690 V rated value	50 kA			
• at AC-23 B at 400 V rated value	50 kA			
• at AC-23 B at 500 V rated value	50 kA			
• at AC-23 B at 690 V rated value	50 kA			
Connections				
arrangement of electrical connectors for main current circuit	Flat terminal			
type of electrical connection for main current circuit	busbar connection			
Mechanical Design				
height	775 mm			
width	250 mm			
depth	241 mm			
fastening method	Stehbolzenanschluss, M16 x 60 mm			
mounting position	vertical			
busbar center-to-center spacing	185 mm			
busbar center-to-center spacing				
• 40 mm	No			
• 50 mm	No			
• 60 mm	No			
• 100 mm	No			
• 185 mm	Yes			
net weight	21.26 kg			
Environmental conditions				
ambient temperature during operation				
• minimum	-25 °C			
• maximum	55 °C			
Approvals Certificates				
General Product Approval	other	Environment		
Confirmation		Miscellaneous	Confirmation	Environmental Confirmations
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=3NJ5643-0BB00				
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)				
https://support.industry.siemens.com/cs/ww/en/ps/3NJ5643-0BB00				
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)				
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ5643-0BB00				
CAx-Online-Generator				
http://www.siemens.com/cax				
Tender specifications				



last modified:

5/3/2023

