

distribution block 4-pole, 160 A, 690 V, input: 1x 10-50 mm<sup>2</sup>, output: 3x 10-35 mm<sup>2</sup> + 8x 2.5-16 mm<sup>2</sup> for DIN-rail mounting



Model	
product brand name	SENTRON
product designation	Distribution block
design of the product	distribution block
operating voltage rated value	690 V
Main circuit	
operational current rated value	160 A
Appearance	
color	grey
Number	
number of terminal levels	4
number of terminal points per terminal level	12
Connections	
<b>connectable conductor cross-section solid</b>	
• minimum	2.5 mm <sup>2</sup>
• maximum	50 mm <sup>2</sup>
<b>connectable conductor cross-section stranded</b>	
• minimum	2.5 mm <sup>2</sup>
• maximum	50 mm <sup>2</sup>
<b>connectable conductor cross-section finely stranded</b>	
• with core end processing minimum	1.5 mm <sup>2</sup>
• with core end processing maximum	35 mm <sup>2</sup>
type of connection 1	screw-type terminal
type of connection 2	screw-type terminal
position of the terminal	bottom
Mechanical Design	
height	50 mm
length	87 mm
fastening method	DIN rail
Net Weight	690 g
material of the insulating body	Other
Environmental conditions	
<b>ambient temperature during operation</b>	
• minimum	-25 °C
• maximum	70 °C
Approvals Certificates	
Environment	General Product Approval

General Product Ap-  
proval

other



[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=5ST2503>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST2503>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5ST2503](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST2503)

CAX-Online-Generator

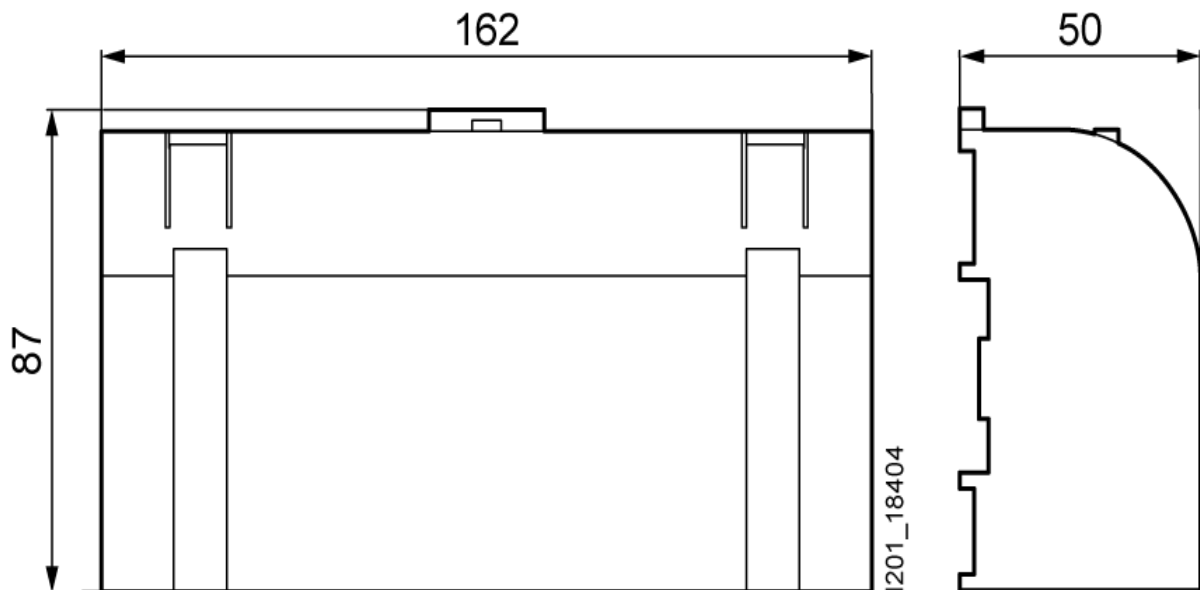
<https://www.siemens.com/cax>

Tender specifications

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

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP='HAUPT'></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP='HAUPT'></mmp_prod_no>)



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