SIEMENS

Data sheet 5ST2504



distribution block 1-pole, 80 A, IEC 1000 V AC / 1500 V DC; UL 600 V AC/DC; input: 3x 2.5-25 mm2, output: 4x 2.5-6 mm2 for DIN-rail mounting

Model	
product brand name	SENTRON
product designation	Distribution block
design of the product	distribution block
operating voltage rated value	1 000 V
Main circuit	
operational current rated value	80 A
Appearance	
color	grey
Number	
number of terminal levels	2
Connections	
connectable conductor cross-section solid	
● minimum	2.5 mm²
● maximum	25 mm²
connectable conductor cross-section stranded	
● minimum	2.5 mm²
● maximum	25 mm²
connectable conductor cross-section finely stranded	
● with core end processing minimum	2.5 mm²
● with core end processing maximum	16 mm²
type of connection 1	screw-type terminal
type of connection 2	screw-type terminal
position of the terminal	bottom
Mechanical Design	
height	43 mm
length	66 mm
fastening method	DIN-rail mounting
Net Weight	69 g
material of the insulating body	Other
Environmental conditions	
ambient temperature during operation	
● minimum	-25 °C
● maximum	70 °C
Approvals Certificates	

Environment	**General Product Approval**

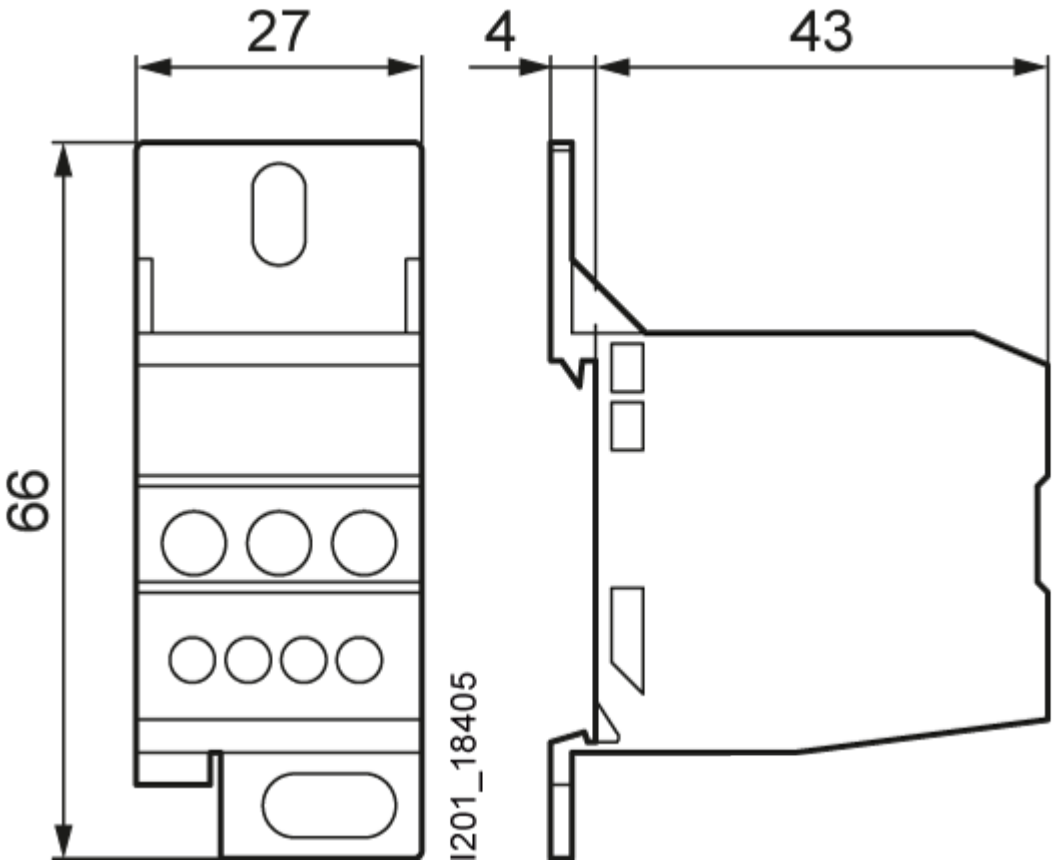
Subject to change without notice
© Copyright Siemens

Environmental Con-firmations	Environmental Con-firmations	cURus	Miscellaneous	Confirmation

General Product Approval	other
CE EG-Konf. UK CA 产品合格 QC PASS	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=5ST2504
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5ST2504
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST2504
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/5ST2504



last modified: 10/22/2026

© Copyright Siemens

Subject to change without notice
© Copyright Siemens