



Miniature circuit breaker 230/400 V 6kA, 1-pole, C, 16A, D=70 mm with screwless outgoing terminals

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
design of the product	Miniature circuit breaker 5SJ6
General technical data	
number of poles	1
tripping characteristic class	C
mechanical service life (switching cycles) / typical	20 000
overvoltage category	3
degree of pollution	2
Voltage	
type of voltage / of the operating voltage	AC/DC
insulation voltage (U _i) / at AC / rated value	440 V
Supply voltage	
supply voltage / at AC / rated value	400 V
operating voltage	
• with multi-phase operation / at AC / maximum	440 V
• at DC / rated value / maximum	60 V
Protection class	
protection class IP	IP20, with connected conductors
Switching capacity	
switching capacity current	
• acc. to EN 60898 / rated value	6 kA
• acc. to IEC 60947-2 / rated value	6 kA
energy limitation class	3
Dissipation	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1.9 W
Current	
operational current	
• at AC / rated value	16 A
suitability for operation	Residential buildings/infrastructure
Product details	
product component / neutral conductor switching	No
product feature / touch protection	Yes
product feature	
• halogen-free	Yes
• sealable	Yes
• silicon-free	Yes

product extension / installable / supplementary devices	No		
Connections			
connectable conductor cross-section / on plug-type connection / using the upper clamping point / without core end processing			
• minimum	1.5 mm ²		
• maximum	4 mm ²		
connectable conductor cross-section / solid			
• minimum	0.75 mm ²		
• maximum	25 mm ²		
connectable conductor cross-section / stranded			
• minimum	0.75 mm ²		
• maximum	25 mm ²		
connectable conductor cross-section / finely stranded / with core end processing			
• minimum	1.5 mm ²		
• maximum	2.5 mm ²		
Mechanical Design			
height	90 mm		
width	18 mm		
depth	76 mm		
installation depth	70 mm		
number of modular width units	1		
mounting position	any		
Environmental conditions			
influence of the surrounding temperature	Periodically +55°C, max. 95% humidity		
ambient temperature / during operation			
• minimum	-25 °C		
• maximum	45 °C		
ambient temperature / during storage			
• minimum	-40 °C		
• maximum	75 °C		
Certificates			
reference code			
• acc. to DIN EN 61346-2	F		
• acc. to IEC 81346-2	F		
General Product Approval	Declaration of Conformity	Test Certificates	other



[Miscellaneous](#)

[Miscellaneous](#)

Further information

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=5SJ6116-7KS>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SJ6116-7KS>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ6116-7KS

CAX-Online-Generator

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

Tender specifications

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



