SIEMENS

Data sheet

5SJ4103-7HG40



Miniature circuit breaker 240 V 14kA, 1-pole, C, 3 A, D=70 mm according to UL 489, equal polarity

Model					
product brand name	SENTRON				
product designation	Miniature circuit breakers				
design of the product	Miniature circuit-breaker 5SJ4				
General technical data					
number of poles	1				
design of pole	1P				
tripping characteristic class	C				
mechanical service life (operating cycles) typical	10 000				
installation environment regarding EMC	Suitable for environment B (immunity to interference not applicable)				
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750	F				
overvoltage category	3				
degree of pollution	3				
Voltage					
type of voltage of the operating voltage	AC/DC				
insulation voltage (Ui) at AC rated value	440 V				
Supply voltage					
supply voltage at AC rated value	400 V				
operating voltage					
 at AC according to UL 489 and CSA C22.2 No. 5-02 maximum 	120 V				
 at DC rated value maximum 	60 V				
 at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum 	60 V				
supply voltage frequency rated value	50 Hz				
Protection class					
protection class IP	IP20, with connected conductors, IP 40 in the handle range				
Switching capacity					
switching capacity current					
 according to EN 60898 rated value 	10 kA				
 according to IEC 60947-2 rated value 	15 kA				
Dissipation					
power loss [W] for rated value of the current at AC in hot operating state per pole	1.8 W				
Current					
operational current					
 at 30 °C rated value 	3 A				
 at 40 °C rated value 	3 A				
• at 45 °C rated value	2.9 A				
• at 50 °C rated value	2.8 A				

2.6 A 3 A 240/120 Mechanical engineering / industry No No Yes Yes No			
240/120 Mechanical engineering / industry No No Yes Yes			
Mechanical engineering / industry No No Yes Yes			
Mechanical engineering / industry No No Yes Yes			
No No Yes Yes			
No Yes Yes			
Yes			
No			
Yes			
Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31lb.in			
14 kA			
0.75 mm ²			
25 mm ²			
3.5 N⋅m			
Any			
90 mm			
18 mm			
70 mm			
70 mm			
1			
on standard mounting rail			
any			
161 g			
50 m/s ² at 25 to 150Hz and 60m/s ² at 35Hz (4sec)			
±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz			
55 °C			
-25 °C			
max. 95% humidity			
10.00			
-40 °C			
75 °C			
F			
F Declaration of			
Conformity			
VDE EG-Konf.			

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Declaration of Conformity	Test Certificates		other	
UK	Miscellaneous	Special Test Certific- ate	Environmental Con- firmations	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=5SJ4103-7HG40

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4103-7HG40

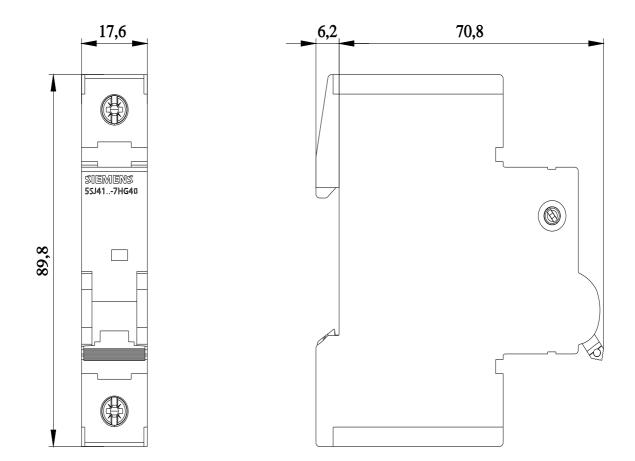
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4103-7HG40

CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications



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