SIEMENS

Data sheet

5SJ4118-8HG41



Miniature circuit breaker 240 V 14kA, 1-pole, D, 15 A, D=70 mm according to UL 489 $\,$

product brand name product designation SENTRON Miniature circuit breakers design of the product Miniature circuit-breaker SSJ4 Ceneral technical data 1 number of poles 1 design of pole 1P tripping characteristic class D mechanical service life (switching cycles) typical 10 000 installation environment regarding EMC Suitable for environment B (immunity to interference not applicable) reference code according to IDC 40/19 extended according to IEC 204-2 according to IEC 205-2 according to IEC	Model			
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C22.2 No. 5-02 maximum 50 Hz supply voltage frequency rated value 50 Hz Protection class IP20, with connected conductors, IP 40 in the handle range Switching capacity IP20, with connected conductors, IP 40 in the handle range Switching capacity current according to EN 60898 rated value • according to IEC 60947-2 rated value 10 kA • according to IEC 60947-2 rated value 15 kA Dissipation 1.8 W operating state per pole 1.8 W		60 V		
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	switching capacity current			
Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current operational current	 according to EN 60898 rated value 	10 kA		
power loss [W] for rated value of the current at AC in hot operating state per pole 1.8 W Current operational current	 according to IEC 60947-2 rated value 	15 kA		
operating state per pole Current operational current	Dissipation			
operational current		1.8 W		
	Current			
	operational current			
• at 30 °C rated value 15 A	 at 30 °C rated value 	15 A		

 at 40 °C rated value 	15 A		
 at 45 °C rated value 	14.6 A		
• at 50 °C rated value	14.1 A		
• at 55 °C rated value	13.6 A		
• at 60 °C rated value	13.2 A		
at AC rated value	15 A		
Main circuit			
type of voltage supply at AC according to UL 489 and	240		
CSA C22.2 No. 5-02			
suitability for operation	Mechanical engineering / inc	Justry	
Product details			
product component			
tunnel terminals top	No		
tunnel terminals bottom	No		
combined terminal top	Yes		
combined terminal bottom	Yes No		
 neutral conductor switching product feature 	INO		
halogen-free	Yes		
sealable	Yes		
sealable silicon-free	Yes		
product extension installable supplementary devices	Yes		
Product function			
product function note	Terminal tightening torque fo	or Cu, 60/75°C; 3.5Nm/31lb.in	
•	Terminal lightening torque it	5 Gu, 60/75 G, 5.51011/5 Hb.III	
Short circuit	4414		
breaking capacity short-circuit current (Icn) at AC according to UL 1077 and CSA C22.2 No.235	14 kA		
Connections			
connectable conductor cross-section finely stranded with core end processing			
• minimum	0.75 mm²		
• maximum	25 mm²		
tightening torque with screw-type terminals maximum	3.5 N·m		
position of power supply cord	Any		
Mechanical Design			
height	110 mm		
width	18 mm		
depth	70 mm		
installation depth	70 mm		
number of modular width units	1		
fastening method	on standard mounting rail		
mounting position	any		
net weight	170 g		
Environmental conditions			
vibration resistance	50 m/s ² at 25 to 150Hz and 60m/s ² at 35Hz (4sec)		
vibration resistance according to IEC 60068-2-6	±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz		
ambient temperature during operation			
• minimum	55 °C		
• maximum	-25 °C		
ambient temperature during operation	max. 95% humidity		
ambient temperature during storage	10.00		
• minimum	-40 °C		
• maximum	75 °C		
Certificates			
reference code			
according to EN 61346-2	F		
according to IEC 81346-2	F		
General Product Approval		Declaration of Conformity	









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Test Certificates

Miscellaneous

Special Test Certific- E

Environmental Confirmations

other

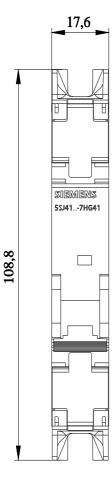
Miscellaneous

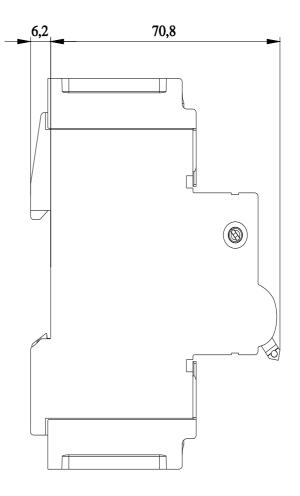
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Tender specifications

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