# SIEMENS

## Data sheet

# 5SJ4210-7HG41



CIRCUIT BREAKER 240V 14KA, 2-POLE, C, 10A, D=70MM ACC. TO UL 489

## Figure similar

General technical data				
Number of poles		2		
Number of poles / Note	-	2P		
Tripping characteristic class	_	С		
Installation environment regarding EMC		Suitable for environment B (immunity to interference not applicable)		
circuit-breaker / Design		5SJ4		
Mechanical service life (switching cycles) / typical	-	20 000		
Equipment marking / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750	_	F		
Overvoltage category	_	3		
Voltage				
Type of voltage		AC/DC		
Insulation voltage / at AC / Rated value	V	440		
Supply voltage				
Supply voltage / at AC / Rated value	V	400		
Supply voltage frequency / Rated value	Hz	50		
Protection class				

Protection class IP		IP20, with connected conductors, IP 40 in the handle range	
Switching capacity			
Switching capacity current			
• acc. to EN 60898 / Rated value	kA	10	
• acc. to IEC 60947-2 / Rated value	kA	15	
Dissipation			
Active power loss			
<ul> <li>for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	W	1.4	
Electricity			
rated current In / IEC, DIN/VDE / at 40 Cel	А	10	
Current / at AC / Rated value	A	10	
Main circuit			
Operating voltage			
• minimum	V	24	
<ul> <li>at AC / acc. to UL 489 and CSA C22.2 No. 5-02</li> <li>/ maximum</li> </ul>	V	240	
<ul> <li>at DC / 1-channel / acc. to UL 489 and CSA C22.2 No. 5-02 / maximum</li> </ul>	V	60	
<ul> <li>at DC / 2-channel / acc. to UL 489 and CSA</li> <li>C22.2 No. 5-02 / maximum</li> </ul>	V	125	
• at DC / Rated value / maximum	V	60	
Product details			
Product feature / Touch protection		Yes	
Product component			
<ul> <li>Tunnel terminals top</li> </ul>		No	
<ul> <li>Tunnel terminals bottom</li> </ul>		No	
<ul> <li>combined terminal top</li> </ul>		Yes	
<ul> <li>combined terminal bottom</li> </ul>		Yes	
Product property			
● halogen-free		Yes	
• sealable		Yes	
• silicon-free		Yes	
Product expansion / can be installed / supplementary devices		Yes	
Product function			
Product function			
• Note		Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31lb.in	
<ul> <li>neutral conductor switching</li> </ul>		No	

kA	14			
	6			
mm²	0.75			
mm²	25			
_	Any			
mm	90			
mm	36			
mm	70			
_	any			
mm	70			
_	2			
_	on standard mounting rail			
	3			
	max. 95% humidity			
_	50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)			
_	50 m/s² at 2	50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)		
_				
°C	-25			
°C	55			
°C	-40			
°C	75			
	F			
	F			
		Declaration of	Test	
		Conformity	Certificates	
			sonstig	
	ЦІ	( –		
	ΠL			
	mm²	mm²       0.75         mm²       25         Any         mm       90         mm       36         mm       70         any       any         mm       70         any       any         mm       50 m/s² at 2         50 m/s² at 2       50 m/s² at 2         °C       -25         °C       55         °C       55         °C       55         °C       75         °C       75	mm²       0.75         mm²       25         Any         mm       90         mm       36         mm       70         any         mm       70         any         mm       70         any         mm       70         any         mm       50         on standard mounting rail         °C       -25         °C       75         P       F         F       F         F       F         F       F         F       Declaration of Conformity	

#### Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system) https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SJ42107HG41

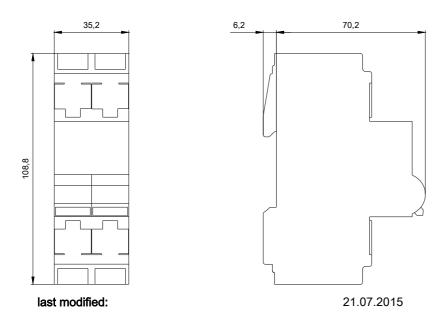
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/5SJ42107HG41/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SJ42107HG41

**CAx-Online-Generator** http://www.siemens.com/cax

### **Tender specifications**

http://ausschreibungstexte.siemens.com/tiplv



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