## SIEMENS

## Data sheet

## 5SJ4206-7HG41



Miniature circuit breaker 240 V 14kA, 2-pole, C, 6 A, D=70 mm according to UL 489  $\,$ 

product brand name         SENTRON           product designation         Miniature circuit breakers           design of the product         Miniature circuit breakers 5S.14           Ceneral technical data         Import of poles           qesign of pole         2           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 EC 204-2 according to EC 204-2 according to EC 204-2 according to EC 204-2 according to IEC 750         Suitable for environment B (immunity to interference not applicable)           reference code according to UIN 40719 extended according to IEC 204-2 according to UI 40719 extended according to IEC 204-2 according to UI 402 extended according to UI at AC rated value         AC/DC           supply voltage of the operating voltage         AC/DC         Adv V           supply voltage of the according to UL 489 and CSA C22 2 No. 5-02         Maximum         60 V           e at DC rated value maximum         60 V         60 V         60 V           e at DC rated value maximum         60 V         25 V         25 V           supply voltage frequency rated value         50 Hz         50 Hz           Protection class IP         IP20,	Model			
design of the product         Miniature circuit-breaker 5S.14           General technical data         Image: Comparison of pole         2           number of poles         2         2           design of pole         2P         2P           tripping characteristic class         C         0000           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 204-3 according to IEC 204-3 according to IEC 204-3 according to IEC 750         Suitable for environment B (immunity to interference not applicable)           voroltage category         3         4degree of pollution         3           Voroltage         AC/DC         440 V         440 V           supply voltage at AC rated value         400 V         400 V         400 V           value range of the supply voltage frequency         50/60 Hz         60 V         400 V           operating voltage         410 C 22-2 No. 5-02         60 V         400 V         400 V           • at DC Single channel according to UL 489 and CSA         60 V         400 V         50 E         50 E<	product brand name	SENTRON		
General technical data         2           number of poles         2           design of pole         2P           tripping characteristic class         C           mechanical service life (operating cycles) typical         10 000           installation environment regarding ENC         Suitable for environment regarding ENC           reference code according to DIN 40719 extended         Suitable for environment Regarding ENC           overvoltage category         3           Voltage         type of voltage of the operating voltage           insulation voltage (Ui) at AC rated value         440 V           Supply voltage         400 V           value range of the supply voltage frequency         50/60 Hz           operating voltage         400 V           • at DC rated value maximum         60 V           • at DC rated value maximum         60 V           • at DC rated value maximum         60 V           • at DC rated value maximum         50 Hz           protection class         IP20, with connected conductors, IP 40 in the handle range           switching capacity current         10 kA           • according to IL 489 and CSA         25 V           C22.2 No. 5-02 maximum         50 Hz           protection class IP         IP20, with connected conductors, I	product designation	Miniature circuit breakers		
number of poles     2       design of pole     2P       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     Suitable for environment B (immunity to interference not applicable)       reference code according to DIN 40719 extended     3       degree of pollution     3       Voltage     Voltage (U) at AC rated value       type of voltage of the operating voltage     AC/DC       insulation voltage (U) at AC rated value     400 V       supply voltage     400 V       supply voltage at AC rated value     400 V       value range of the suppity voltage frequency     50/60 Hz       operating voltage     60 V       e at DC rated value maximum     60 V       e at DC rated value maximum     60 V       e at DC rated value maximum     50 Hz       supply voltage frequency rated value     50 Hz       Protection class     IP20, with connected conductors, IP 40 in the handle range       Switching capacity     10 kA       e according to ELC 60947-2 rated value     10 kA       e according to ELC 60947-2 rated value     10 kA       e according to ELC 60947-2 rated value     10 kA	design of the product	Miniature circuit-breaker 5SJ4		
design of pole     2P       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 lEC 204-2 according to IEC 750     3       overvoltage category     3       degree of pollution     3       Voltage       type of voltage of the operating voltage insulation voltage (UI) at AC rated value       supply voltage of the operating voltage frequency operating voltage of the supply voltage frequency operating voltage     AC/DC       • at AC according to UL 489 and CSA C22.2 No. 5-02 maximum     240 V       • at DC rated value maximum     60 V       • at DC schonel according to UL 489 and CSA C22.2 No. 5-02 maximum     25 V       • at DC schonel according to UL 489 and CSA C22.2 No. 5-02 maximum     25 V       • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum     25 V       • at DC 2-channel according to UL 489 and CSA     25 V       • according to EN 60898 rated value     50 Hz       Protection class IP     IP20, with connected conductors, IP 40 in the handle range       Switching capacity     10 kA       • according to EC 60947-2 rated value     15 kA       Dissipation     2.7 W       operating state per pole	General technical data			
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 250       3         overvoltage category       3         Voltage       AC/DC         type of voltage of the operating voltage       AC/DC         insulation voltage (U) at AC rated value       440 V         Supply voltage at AC rated value       400 V         value range of the supply voltage frequency       50/60 Hz         operating voltage       60 V         • at AC according to UL 489 and CSA       240 V         maximum       60 V         • at DC single channel according to UL 489 and CSA       224 V         c22 Ab. 5-02 maximum       50 Hz         Protection class       IP20, with connected conductors, IP 40 in the handle range         Switching capacity       50 KA         Switching capacity       10 kA         • according to EN 60898 rated value       10 kA         • according to EN 60898 rated value       10 kA         • according to EN 60898 rated value       10 kA         • according to EC 60947-2 rated value       15 kA <tr< td=""><td>number of poles</td><td>2</td></tr<>	number of poles	2		
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         Suitable for environment B (immunity to interference not applicable)           reference code according to DIN 40719 extended         3           voltage         3           type of voltage of the operating voltage         AC/DC           insulation voltage (U) at AC rated value         440 V           supply voltage         AC rated value           value range of the supply voltage frequency         50/60 Hz           operating voltage         400 V           value range of the supply voltage frequency         50/60 Hz           operating voltage         400 V           • at AC caccording to UL 489 and CSA C22.2 No. 5-02         240 V           maximum         • at DC single channel according to UL 489 and CSA         60 V           • at DC single channel according to UL 489 and CSA         25 V           C22.2 No. 5-02 maximum         125 V           supply voltage frequency rated value         50 Hz           Protection class IP         IP20, with connected conductors, IP 40 in the handle range           Switching capacity current         • according to IEC 60947-2 rated value <t< td=""><td>design of pole</td><td>2P</td></t<>	design of pole	2P		
installation environment regarding EMC       Suitable for environment B (immunity to interference not applicable)         reference code according to DL 40719 extended       F         according to IEC 204-2 according to IEC 750       3         overvoltage category       3         degree of pollution       3         Voltage       AC/DC         type of voltage of the operating voltage       AC/DC         insulation voltage (Ui) at AC rated value       440 V         Supply voltage       AC/DC         supply voltage at AC rated value       400 V         value range of the supply voltage frequency       50/60 Hz         operating voltage       eat AC according to UL 489 and CSA C22.2 No. 5-02         maximum       60 V         e at DC rated value maximum       60 V         e at DC single channel according to UL 489 and CSA       60 V         C22.2 No. 5-02 maximum       125 V         e at DC -channel according to UL 489 and CSA       60 V         c22.2 No. 5-02 maximum       50 Hz         Protection class IP       IP20, with connected conductors, IP 40 in the handle range         Switching capacity       90 kA         eaccording to EN 60898 rated value       10 kA         eaccording to EC 60947-2 rated value       15 kA         Di	tripping characteristic class	C		
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     AC/DC       insulation voltage (U) at AC rated value     440 V       Supply voltage     400 V       supply voltage at AC rated value     400 V       supply voltage of the supply voltage frequency     50/60 Hz       operating voltage     60 V       • at AC according to UL 489 and CSA C22.2 No. 5-02     240 V       maximum     60 V       • at DC single channel according to UL 489 and CSA     60 V       C22.2 No. 5-02 maximum     60 V       • at DC single channel according to UL 489 and CSA     60 V       C22.2 No. 5-02 maximum     50 Hz       • at DC single channel according to UL 489 and CSA     60 V       C22.2 No. 5-02 maximum     60 V       • at DC single channel according to UL 489 and CSA     125 V       C22.2 No. 5-02 maximum     50 Hz       Protection class     F       protection class IP     IP20, with connected conductors, IP 40 in the handle range       Switching capacity     10 kA       • according to EN 60898 rated value     10 kA       • according to EN 60898 rated value     10 kA       • according to EN 60898 rated value     10 kA       • accord	mechanical service life (operating cycles) typical	10 000		
according to IEC 204-2 according to IEC 750         overvoltage category       3         degree of pollution       3         Voltage       AC/DC         insulation voltage (UI) at AC rated value       440 V         Supply voltage       440 V         Supply voltage at AC rated value       400 V         value range of the supply voltage frequency       50/60 Hz         operating voltage       400 V         • at AC according to UL 489 and CSA C22.2 No. 5-02       240 V         maximum       60 V         • at DC rated value maximum       60 V         • at DC single channel according to UL 489 and CSA       60 V         C22.2 No. 5-02 maximum       50/20 maximum         • at DC 2-channel according to UL 489 and CSA       125 V         C22.2 No. 5-02 maximum       50 Hz         • at DC 2-channel according to UL 489 and CSA       125 V         C22.2 No. 5-02 maximum       50 Hz         Protection class IP       IP20, with connected conductors, IP 40 in the handle range         Switching capacity       10 kA         • according to IEC 60947-2 rated value       10 kA         • according to IEC 60947-2 rated value       15 kA         Dissipation       2.7 W         operating state per pole       2.7 W	installation environment regarding EMC	Suitable for environment B (immunity to interference not applicable)		
degree of pollution       3         Voltage       AC/DC         insulation voltage (Ui) at AC rated value       440 V         Supply voltage       400 V         value range of the supply voltage frequency       50/60 Hz         operating voltage       400 V         • at AC according to UL 489 and CSA C22.2 No. 5-02       240 V         maximum       60 V         • at DC rated value maximum       60 V         • at DC single channel according to UL 489 and CSA       60 V         C22.2 No. 5-02 maximum       50 Hz         • at DC 2-channel according to UL 489 and CSA       60 V         C22.2 No. 5-02 maximum       50 Hz         Protection class       125 V         grade frequency rated value       50 Hz         Protection class IP       IP20, with connected conductors, IP 40 in the handle range         Switching capacity current <ul> <li>according to IEC 60947-2 rated value</li> <li>10 kA</li> <li>according to IEC 60947-2 rated value</li> <li>15 kA</li> <li>Dissipation</li> <li>power loss [W] for rated value of the current at AC in hot operating state per pole</li> <li>Current</li> <li>operational current</li> <li>Dissipation</li> <li>power loss [W] for rated value of the current at AC in hot operating state per pole</li> <li>Current</li> <li>operational current</li> <li>Disal current</li> <li>According to IEC conditing the current</li></ul>		F		
Voltage         AC/DC           insulation voltage (Ui) at AC rated value         440 V           Supply voltage         440 V           supply voltage at AC rated value         400 V           supply voltage at AC rated value         400 V           value range of the supply voltage frequency         50/60 Hz           operating voltage         • at AC according to UL 489 and CSA C22.2 No. 5-02         240 V           maximum         60 V         -           • at DC rated value maximum         60 V         -           • at DC single channel according to UL 489 and CSA         60 V         -           C22.2 No. 5-02 maximum         125 V         -         -           • at DC schenel according to UL 489 and CSA         125 V         -         -           C22.2 No. 5-02 maximum         50 Hz         -         -           • at DC single channel according to UL 489 and CSA         125 V         -         -           C22.2 No. 5-02 maximum         50 Hz         -         -         -           protection class IP         IP20, with connected conductors, IP 40 in the handle range         -         -         -         -         -         -         -         -         -         -         -         -         -	overvoltage category			
type of voltage of the operating voltage insulation voltage (Ui) at AC rated value         AC/DC 440 V           Supply voltage         440 V           Supply voltage         400 V           value range of the supply voltage frequency operating voltage         400 V           • at AC according to UL 489 and CSA C22.2 No. 5-02 maximum         240 V           • at DC rated value maximum         60 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           • at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum         125 V           • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum         125 V           supply voltage frequency rated value         50 Hz           Protection class         IP20, with connected conductors, IP 40 in the handle range           switching capacity current         10 kA           • according to EN 60898 rated value         10 kA           • according to IEC 60947-2 rated value         15 kA           Dissipation         2.7 W           power loss [W] for rated value of the current at AC in hot operating state per pole         2.7 W	degree of pollution	3		
insulation voltage (Ui) at AC rated value     440 V       Supply voltage     400 V       supply voltage at AC rated value     400 V       value range of the supply voltage frequency     50/60 Hz       operating voltage     41 AC according to UL 489 and CSA C22.2 No. 5-02     240 V       maximum     60 V     60 V       • at DC rated value maximum     60 V     60 V       • at DC single channel according to UL 489 and CSA     60 V       C22.2 No. 5-02 maximum     60 V       • at DC 2-channel according to UL 489 and CSA     125 V       C22.2 No. 5-02 maximum     50 Hz       Protection class     10 KA       supply voltage frequency rated value     10 kA       • according to EC 60947-2 rated value     15 kA       Dissipation     2.7 W       power loss [W] for rated value of the current at AC in hot operating state per pole     2.7 W	Voltage			
Supply voltage       400 V         value range of the supply voltage frequency       50/60 Hz         operating voltage       400 V         • at AC according to UL 489 and CSA C22.2 No. 5-02       240 V         maximum       60 V         • at DC rated value maximum       60 V         • at DC rated value maximum       60 V         • at DC rated value maximum       60 V         • at DC single channel according to UL 489 and CSA       60 V         C22.2 No. 5-02 maximum       125 V         • at DC 2-channel according to UL 489 and CSA       250 Hz         Protection class       125 V         group voltage frequency rated value       50 Hz         Protection class IP       IP20, with connected conductors, IP 40 in the handle range         Switching capacity current       10 kA         • according to EC 60947-2 rated value       10 kA         • according to EC 60947-2 rated value       10 kA         • according to Firsted value of the current at AC in hot operating state per pole       2.7 W         Current       0       2.7 W	type of voltage of the operating voltage	AC/DC		
supply voltage at AC rated value     400 V       value range of the supply voltage frequency     50/60 Hz       operating voltage     400 V       • at AC according to UL 489 and CSA C22.2 No. 5-02     240 V       maximum     60 V       • at DC rated value maximum     60 V       • at DC rated value maximum     60 V       • at DC rated value maximum     60 V       • at DC according to UL 489 and CSA     60 V       C22.2 No. 5-02 maximum     125 V       • at DC 2-channel according to UL 489 and CSA     125 V       C22.2 No. 5-02 maximum     50 Hz       Protection class     125 V       protection class IP     IP20, with connected conductors, IP 40 in the handle range       Switching capacity current     10 kA       • according to EC 60987 rated value     10 kA       • according to EC 60947-2 rated value     15 kA       Dissipation     2.7 W       power loss [W] for rated value of the current at AC in hot operating state per pole     2.7 W	insulation voltage (Ui) at AC rated value	440 V		
value range of the supply voltage frequency operating voltage50/60 Hz• at AC according to UL 489 and CSA C22.2 No. 5-02 maximum240 V• at DC rated value maximum • at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA c22.2 No. 5-02 maximum • at DC 2-channel according to UL 489 and CSA c22.2 No. 5-02 maximum • according to UL 489 and CSA voltage frequency rated value • according to according to UL 489 and CSA • according to IEC 60947-2 rated value • ac	Supply voltage			
operating voltage <ul> <li>at AC according to UL 489 and CSA C22.2 No. 5-02</li> <li>maximum</li> <li>at DC rated value maximum</li> <li>at DC rated value maximum</li> <li>at DC single channel according to UL 489 and CSA</li> <li>C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA</li> <li>C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA</li> <li>C22.2 No. 5-02 maximum</li> <li>at DC 2-channel according to UL 489 and CSA</li> <li>C22.2 No. 5-02 maximum</li> <li>supply voltage frequency rated value</li> <li>50 Hz</li> </ul> <li>Protection class</li> <li>Protection class IP</li> <li>IP20, with connected conductors, IP 40 in the handle range</li> <li>Switching capacity</li> <li>switching capacity current</li> <ul> <li>according to EN 60898 rated value</li> <li>b KA</li> <li>Dissipation</li> <li>power loss [W] for rated value of the current at AC in hot operating state per pole</li> <li>Current</li> <li>operational current</li> <li>according to Ithe current at AC in hot operating state per pole</li> <li>Current</li> <li>operational current</li> <li>according to Ithe current at AC in hot operational current</li> <li>according to Ithe current at AC in hot operating state per pole</li> <li>Current</li> <li>According to Ithe current at AC in hot operational current</li> <li>According to Ithe current at AC in hot operational current</li> <li>According to Ithe current at AC in hot operational current</li> <li>According to Ithe current at AC in hot operational current</li> <li>According to Ithe current at AC in hot operational current</li> <li>According to Ithe current at AC in hot operational current</li> <li>According to Ithe current</li></ul>	supply voltage at AC rated value	400 V		
<ul> <li>et AC according to UL 489 and CSA C22.2 No. 5-02 240 V</li> <li>maximum</li> <li>et DC rated value maximum</li> <li>60 V</li> <li>et DC rated value maximum</li> <li>60 V</li> <li>et DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> <li>et DC 2-channel according to UL 489 and CSA 125 V</li> <li>C22.2 No. 5-02 maximum</li> <li>supply voltage frequency rated value</li> <li>50 Hz</li> </ul> Protection class protection class IP IP20, with connected conductors, IP 40 in the handle range Switching capacity current <ul> <li>according to EN 60898 rated value</li> <li>b KA</li> </ul> Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole Current <ul> <li>operational current</li> </ul>	value range of the supply voltage frequency	50/60 Hz		
maximum60 V• at DC rated value maximum60 V• at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum60 V• at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum125 Vsupply voltage frequency rated value50 HzProtection classprotection class IPIP20, with connected conductors, IP 40 in the handle rangeswitching capacityswitching capacity current • according to IEC 60947-2 rated value10 kA• according to IEC 60947-2 rated value10 kA• power loss [W] for rated value of the current at AC in hot operating state per pole2.7 W	operating voltage			
• at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum         60 V           • at DC 2-channel according to UL 489 and CSA C22.2 No. 5-02 maximum         125 V           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         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         2.7 W         2.7 W	0	240 V		
C22.2 No. 5-02 maximum       -         • at DC 2-channel according to UL 489 and CSA       125 V         C22.2 No. 5-02 maximum       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       2.7 W         operational current       -	<ul> <li>at DC rated value maximum</li> </ul>	60 V		
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       0 kA         • according to EN 60898 rated value       10 kA         • according to IEC 60947-2 rated value       15 kA         Dissipation       2.7 W         power loss [W] for rated value of the current at AC in hot operating state per pole       2.7 W		60 V		
Protection class       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       2.7 W         current       operating state per pole         current       0		125 V		
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       2.7 W         operating state per pole       2.7 W	supply voltage frequency rated value	50 Hz		
Switching capacity         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         power loss [W] for rated value of the current at AC in hot operating state per pole         Current         operational current	Protection class			
switching capacity current     10 kA       • according to EN 60898 rated value     10 kA       • according to IEC 60947-2 rated value     15 kA       Dissipation     2.7 W       power loss [W] for rated value of the current at AC in hot operating state per pole     2.7 W       Current     0	protection class IP	IP20, with connected conductors, IP 40 in the handle range		
	Switching capacity			
	switching capacity current			
Dissipation       power loss [W] for rated value of the current at AC in hot operating state per pole       Current       operational current	<ul> <li>according to EN 60898 rated value</li> </ul>	10 kA		
power loss [W] for rated value of the current at AC in hot operating state per pole     2.7 W       Current     operational current	<ul> <li>according to IEC 60947-2 rated value</li> </ul>	15 kA		
operating state per pole Current operational current	Dissipation			
operational current		2.7 W		
	Current			
• at 30 °C rated value 6 A	operational current			
	<ul> <li>at 30 °C rated value</li> </ul>	6 A		

<ul> <li>at 40 °C rated value</li> </ul>	6 A
<ul> <li>at 45 °C rated value</li> </ul>	5.8 A
<ul> <li>at 50 °C rated value</li> </ul>	5.7 A
<ul> <li>at 55 °C rated value</li> </ul>	5.6 A
at 60 °C rated value	5.4 A
at AC rated value	6 A
	0 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 / industry
Product details	
product component	
• tunnel terminals top	No
tunnel terminals bottom	No
combined terminal top	Yes
combined terminal top     combined terminal bottom	Yes
	No
neutral conductor switching	NU
product feature	
halogen-free	Yes
• sealable	Yes
• silicon-free	Yes
product extension installable supplementary devices	Yes
Product function	
product function note	Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31lb.in
Short circuit	
short-circuit current breaking capacity (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 mm <sup>2</sup>
• maximum	25 mm²
tightening torque with screw-type terminals maximum	3.5 N·m
position of power supply cord	Any
Mechanical Design	
	440
height	110 mm
width	36 mm
depth	70 mm
installation depth	70 mm
number of modular width units	2
fastening method	on standard mounting rail
mounting position	any
net weight	326 g
Environmental conditions	
vibration resistance	$50 \text{ m/s}^2$ at 25 to 150Hz and $60 \text{ m/s}^2$ at 25Hz (4acc)
	50 m/s <sup>2</sup> at 25 to 150Hz and 60m/s <sup>2</sup> 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	FE 10
• minimum	55 °C
• maximum	-25 °C
ambient temperature during operation	max. 95% humidity
ambient temperature during storage	
• minimum	-40 °C
• maximum	75 °C
General Product Approval	Declaration of Conformity
	Comonnity
Confirmation	
( <b>((()</b> )) (U)	
CCC UL	VDE

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Declaration of Conformity	Test Certificates		other	
CE EG-Konf.	<u>Miscellaneous</u>	Special Test Certific- ate	<u>Miscellaneous</u>	Environmental Con- firmations

## **Further information**

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=5SJ4206-7HG41

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4206-7HG41

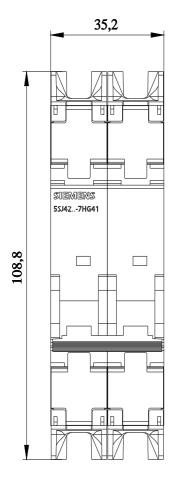
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SJ4206-7HG41

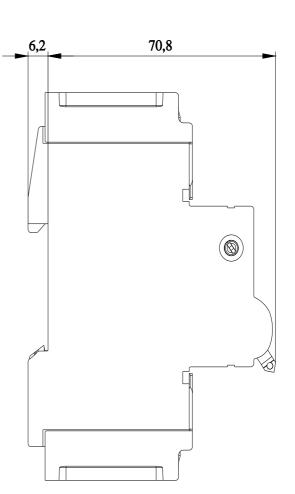
**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications





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