# SIEMENS

#### Data sheet

### 5SJ4313-8HG42



Circuit breaker 10kA, 3-pole, D, 13A according to UL 489-480Y/277V

Model	
product brand name	SENTRON
product designation	Miniature circuit breakers
design of the product	Miniature circuit-breaker 5SJ4
General technical data	
number of poles	3
design of pole	3P
tripping characteristic class	D
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	
insulation voltage (Ui) at AC rated value	440 V
Supply voltage	
supply voltage	
<ul> <li>at AC rated value</li> </ul>	400 V
at DC rated value	60 V
value range of the supply voltage frequency	50/60 Hz
operating voltage	
<ul> <li>at AC according to UL 489 and CSA C22.2 No. 5-02 maximum</li> </ul>	277 V
<ul> <li>at DC rated value maximum</li> </ul>	60 V
<ul> <li>at DC single channel according to UL 489 and CSA C22.2 No. 5-02 maximum</li> </ul>	60 V
<ul> <li>at DC 2-channel according to UL 489 and CSA C22.2 No.</li> <li>5-02 maximum</li> </ul>	125 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	
<ul> <li>according to EN 60898 rated value</li> </ul>	10 kA
<ul> <li>according to IEC 60947-2 rated value</li> </ul>	15 kA
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	1.6 W
Main circuit	
type of voltage supply at AC according to UL 489 and CSA C22.2 No. 5-02	480/277

Product details         product component         • tunnel terminals top         • tunnel terminals bottom         • combined terminal bottom         • combined terminal bottom         • combined terminal bottom         • combined terminal bottom         • neutral conductor switching         No         product feature         • halogen-free         • halogen-free         • sealable         • sealable         • sealable         • sealable         • sealable         • product function         Product function note         Short circuit         Short circuit current breaking capacity (Icn) at AC according to UL 1077 and CSA C22.2 No.235         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								
product component  • tunnel terminals bodio  • unnel terminal bodio  • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals bodio • unnel terminals terminals maximum • unnel terminals terminals • unnel terminals terminals • unnel terminals •	suitability for operation	tability for operation Mechanical engineering / industry						
• nonel remnals boo       No         • nonel remnals boo       No         • nonel remnals boo       Yes         • nonload terminal tradition on tell       Yes         * nonload terminal tradition on tell       Yes         * nonload terminal tradition on tell       Yes         * nonload terminal tradition       Yes         * nonload terminal traditranterminal traditin terminal tradition <td< td=""><td>Product details</td><td></td><td></td><td>_</td><td></td><td></td><td></td></td<>	Product details			_				
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• ender derminel bottom       Yes         • ender der der der der der der der der der	<ul> <li>tunnel terminals be</li> </ul>	ottom		No	No			
• exitral conductor switching       No         product feature       Yes         • exitral conductor switching       Yes         • exitral conductor switching       Yes         > grotuct scension installable supplementary devices       Yes         product duration note       Terminal tightening torque for Cu, 60/75°C; 3.5Nm 31 b.i.         Short crout function note       Terminal tightening torque for Cu, 60/75°C; 3.5Nm 31 b.i.         Short crout function note       Terminal tightening torque for Cu, 60/75°C; 3.5Nm 31 b.i.         Short crout function note       Terminal tightening torque for Cu, 60/75°C; 3.5Nm 31 b.i.         Short crout function note       Terminal tightening torque for Cu, 60/75°C; 3.5Nm 31 b.i.         Short crout function cross section finely stranded with core of processing for proves supply cord       Any         Short for processing       Any         Statistical Besign       Any         Short for processing       Any         Statistical Besign       Short model statistical deph         Installation deph       Short model statistical deph         Installation deph       Short mail for processing	<ul> <li>combined termina</li> </ul>	I top		Yes				
product feature <ul> <li>Product feature</li> <li>Product feature</li></ul>	<ul> <li>combined termina</li> </ul>	I bottom		Yes	Yes			
<ul> <li>Nagan-Aree</li> <li>Selabile</li> <li>Selabile</li> <li>Yes</li> </ul> modula vectorism installable supplementary devices       Yes                product vectorism installable supplementary devices       Yes                product vectorism installable supplementary devices       Terminal tightening torque for Cu, 60/75°C; 3.5Nm31b.in                Short circuit function note       Terminal tightening torque for Cu, 60/75°C; 3.5Nm31b.in                Short circuit function note       10 kA                consendable conductor cores section finely stranded with core end processing        10 kA                consendable conductor cores section finely stranded with core end processing        0.75 mm²                consendable conductor cores section finely stranded with core end processing        0.75 mm²                consendable conductor cores section finely stranded with core end processing        0.75 mm²                consendary        0.75 mm²              consendary                 consendary        0.75 mm²              consendary                 consendary        0.75 mm²              consendary                 consendary        10 ta/ma               consendary          <	<ul> <li>neutral conductor switching</li> </ul>			No				
• selable • selable         Yes vertice           product extension installable supplementary devices         Yes           Product function         Terminal tightening torque for Cu, 6075°C; 3.5Nm31b.x           Short actual spontary function for the size of constant of the supplementary devices         Terminal tightening torque for Cu, 6075°C; 3.5Nm31b.x           Short actual spontary function for the size of constant of the size of t	product feature							
• silicon-free       Yes         product extension installable supplementary devices       Yes         Product function role       Terminal tightening torque for Cu. 60/75*C; 3:5Nm/311b.in         Short afrout       Terminal tightening torque for Cu. 60/75*C; 3:5Nm/311b.in         Short afrout       Terminal tightening torque for Cu. 60/75*C; 3:5Nm/311b.in         Short afrout       Terminal tightening torque for Cu. 60/75*C; 3:5Nm/311b.in         Short afrout       Terminal tightening torque for Cu. 60/75*C; 3:5Nm/311b.in         Short afrout       Terminal tightening torque for Cu. 60/75*C; 3:5Nm/311b.in         Connectable conductor cross-section finely stranded with core on a process-section finely stranded with core on a process-section finely stranded with core on a process-section finely stranded with core on a forder more devices apply core       Any         Medantial Conductor cross-section finely stranded with core on a fonder mounting ration apply core       Any         Medantial Conductor cross-section finely stranded with core on standard mounting ration apply core       Any         Medantial conductor cross-section finely stranded with core on standard mounting ration apply core       Any         Medantial conditions       3       Short mounting ration apply core         Installation depth       70 mm       Terminal Stort	<ul> <li>halogen-free</li> </ul>			Yes				
product extension installable supplementary devices       Yes         Product function       Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31b.in         Short circuit turnet breaking capacity (Icn) at AC according to 10 IA       10 IA         Connectations       Connectations         Inditional Conductor cross searction finally stranded with core and prove support cort       Any         Machinead Design       Connectations         Height       121 mm         Watchinead Design       70 mm         Installation depth       70 mm         Installation depth <td><ul> <li>sealable</li> </ul></td> <td></td> <td></td> <td colspan="5">Yes</td>	<ul> <li>sealable</li> </ul>			Yes				
Product function       Terminal lightening torque for Cu, 60/75/°C; 3.5Nm/31b.in         Short circuit current breaking capacity (co) at AC according to U1/1077 and CS 4222 No.235       10 kA         Connections       0.75 mm²         Connections       25 mm²         Inimum       0.75 mm²         inaximum       25 mm²         Ightening torque with screw-type terminals maximum       3.5 N-m         posterion of power suppy cod       Any         Mechanical Degra       70 mm²         Mechanical Degra       70 mm²         Installation depth       70 mm         modular with units       3.1         fastering method       on standard mounting rail         mounting position       any         environ       50 og         Environmental conditions       3         standard       50 og screws' state screws' state         vibration resistance       50 og screws' state screws' state         wibration resistance       50 og screws' state screws' state         wibration resistance       50 ms² at 25 to 160 Hz and 60m/s² at 35Hz (4sec)         wibration resistance according to EC 6008-2.6       at m at 5 to 25 Hz. 50 m/s² at 25 to 150 Hz         amblert temperature during operation       max. 55% humidity         amblert temperature during oper	<ul> <li>silicon-free</li> </ul>			Yes				
product function note       Terminal lightening torque for Cu. 80/75°C; 3.5Nm/31b.r         Short Artruit       10 KA         Short Artruit       10 KA         consections       10 KA         consections       0.75 mm²         onnextions       25 mm²         enakinum       0.75 mm²         enakinum       25 mm²         initinum       25 mm²         enakinum       35 N m         posted table conductor cross-section finely stranded with core end processing       Any         Machanical Design       25 mm²         height       121 mm         Machanical Design       54 mm         dopth       70 mm         Instalation depth       70 mm         number of modular width units       3         fastening method       on standard mounting rail         mounting position       any         ret weigh       50 0 g         Environmental conditions       11 mm at 5 to 25 Hz; 50 ms² at 25 to 150 Hz         enakinum       25 °C         enakinum       25 °C         enakinum       26 °C         standard       10 °C °C         ret weigh       5 °C °C         enakinum       25 °C °C <t< td=""><td>product extension installa</td><td>able supplementary devi</td><td>ces</td><td>Yes</td><td colspan="4">Yes</td></t<>	product extension installa	able supplementary devi	ces	Yes	Yes			
Short circuit urrent breaking capacity (cn) at AC according to U1 4/7 and CA 2022 No.23 Connectable conductor cross-section finely stranded with core end processing  intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section finely stranded with core end processing intimum connectable conductor cross-section intimum control position intimum control intimum control intimum control intimum control intimum cont	Product function							
thet-five it current breaking capacity (cn) at AC according to UL 1077 and CSA C22 2 No.255 Connectable conductor cross-section finely stranded with core and processing	product function note			Terminal	tightening torque for	Cu, 60/75°C; 3.5Nm/31lb	.in	
UL 107 and CSA C22 20 A0235 Connectable conductor cross-section finely stranded with core end processing • minimum • maximum Bightening torque with scree-type terminals maximum Mechanical Design Height Missellation depth 121 mm with depth 170 mm number of modular with units 13 fastening method on standard mounting rail mounting position 1 mounting position 1 mount	Short circuit							
connectable conductor cross-section finely stranded with core end processing     0.75 mm²       initinium     25 mm²       itightening torque with screw-type terminals maximum     3.5 N·m       position of power supply cord     Any       Mechanical Design     121 mm       height     121 mm       width     54 mm       depth     70 mm       installation depth     70 mm       number of modular width units     3       fastering method     on standard mounting rail       mounting position     any       ret weight     50 og       environmental conditions     standard       standard     IEC / EN 60847-2 / UL 489       vibration resistance     50 n/s² at 25 to 150 Hz and 60m/s² at 35Hz (4sec)       vibration resistance according to IEC 60068-2-6     41 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz       ambient temperature during operation     max; 95% hum/dity       ambient temperature during operation     max; 95% hum/dity       ambient temperature during operation     max; 95% hum/dity       environment     -25 °C       ambient temperature during operation     max; 95% hum/dity       initinum     -25 °C       environment     -40 °C       ccc     Confirmation       General Product Approval     Other       Environm	short-circuit current brea UL 1077 and CSA C22.2	king capacity (Icn) at AC 2 No.235	according to	10 kA	10 kA			
end processing • minimum 0,75 mm² 25 mm² tightening torque with screw-type terminals maximum 0,75 mm² position of power supply cord Any Mechanical Design Methanical Design Meth	Connections							
• maximum       25 mm <sup>3</sup> tightening targue with screw-type terminals maximum       3.5 N m         position of power supply cord       Any         Height       121 mm         width       54 mm         depth       70 mm         installation depth       70 mm         installation depth       0 national domonting rail         mounting position       any         mounting position       any         met weight       50 og =         Evelytening to go and the initian of		ross-section finely strand	led with core					
tightening torque with screw-type terminals maximum 3.5 N m position of power supply cord Any Machanical Design Height 121 mm With 54 mm depth 70 mm Installation depth 70 mm Inumeor of modular with units 3 fastening method 70 mm Inumeor of modular with units 3 fastening method 70 mm Inumeor of modular with units 75 °C 75	• minimum			0.75 mm²				
Desilition of power supply cond       Any         Mechanical Design       121 mm         height       121 mm         width       54 mm         depth       70 mm         Installation depth       70 mm         number of modular width units       3         fastening method       on standard mounting rail         mounting position       any         net weight       500 g         entwing position       any         net weight       500 g         entwingth       50 SP (2, UL 489         vibration resistance       400 m/s* at 25 to 150 Hz         enthinnum       -25 ° C         enthinnum       -25 ° C         enthinnum       75 ° C <td< td=""><td><ul> <li>maximum</li> </ul></td><td></td><td></td><td>25 mm<sup>2</sup></td><td></td><td></td><td></td></td<>	<ul> <li>maximum</li> </ul>			25 mm <sup>2</sup>				
Machanical Design       121 mm         height       121 mm         width       64 mm         depth       70 mm         installation depth       70 mm         number of modular width units       3         fastening method       on standard mounting rail         mounting position       any         net weight       500 g         Environmental conditions       500 g         standard       IEC / EN 60947-2 / UL 489         vibration resistance according to IEC 60068-2-6       ±1 mm at 5 to 25 Hz; 50 m/s² at 35 Hz (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       -25 °C         armbient temperature during operation       max. 95% humidity         ambient temperature during operation       max. 95% humidity         ambient temperature during operation       -40 °C         maximum       -40 °C         ccc       Confirmation         maximum       -40 °C         ccc       Seclaration of Conformity         forminum       -40 °C         maximum       -55 °C         ccc       Seclaration of Conformity         formity       Seclaration of Conformity	tightening torque with sc	rew-type terminals maxir	num	3.5 N·m				
height     121 mm       width     54 mm       depth     70 mm       installation depth     70 mm       number of modular width units     3       fastening method     on standard mounting rail       mounting position     any       net weight     500 g       Environmental conditions     IEC / EN 60947-2 / UL 489       vibration resistance     50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)       vibration resistance     50 m/s² at 25 to 150Hz       vibration resistance     50 m/s² at 25 to 150 Hz       vibration resistance     50 m/s² at 25 to 150 Hz       vibration resistance     50 m/s² at 25 to 150 Hz       wintimum     -25 °C       ambient temperature during operation     max. 95% humidity       ambient temperature during storage     -40 °C       • maximum     -40 °C       • maximum     -40 °C       • maximum     -55 °C       • maximum     -40 °C       • maximum     -55 °C       • maximum     -55 °C       • maximum     -40 °C       • maximum     -55 °C    <	position of power supply	cord		Any				
width       54 mm         depth       70 mm         installation depth       70 mm         installation depth       70 mm         number of modular width units       3         fastening method       on standard mounting rail         mounting position       any         net weight       500 g         Environmental conditions       standard         standard       IEC / EN 60947-2 / UL 489         vibration resistance       50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)         vibration resistance according to IEC 6008-2-6       ±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz         ambient temperature during operation       ext mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz         ambient temperature during operation       max. 95% humidity         ambient temperature during operation       max. 95% humidity         ambient temperature during operation       max. 95% humidity         ambient temperature during operation       75 °C         General Product Approval       Ext Confirmation         Confirmation       text confirmation         cccc       So confirmation         max is a confirmation       text confirmation         mounting confirmation       text confirmation         cccc       Confirmation      <	Mechanical Design							
depth       70 mm         Installation depth       70 mm         number of modular width units       3         fastening method       on standard mounting rail         mounting position       any         net weight       500 g         Environmental conditions       standard mounting rail         standard       IEC / EN 60947-2 / UL 489         vibration resistance       50 m/s* at 25 to 150Hz and 60m/s* at 35Hz (4sec)         vibration resistance according to IEC 60068-2-6       ±1 mm at 5 to 25 Hz; 50 m/s* at 25 to 150 Hz         ambient temperature during operation       55 °C         • maximum       -25 °C         ambient temperature during operation       max. 95% humidity         ambient temperature during operation       rax. 95% humidity         ambient temperature during storage       -40 °C         • maximum       75 °C         General Product Approval       If ex Certificates         Confirmation       other         Environmental Conditions       If ex Certificates         Special Test Certificates       Other         Environmental Con- firmations       If ex Certificates         Other       Environmental Con- firmations	height			121 mm				
Installation depth       70 mm         number of modular width units       3         fastering method       on standard mounting rail         meunting position       any         net weight       500 g         Environmental conditions       standard         standard       IEC / EN 60947-2 / UL 489         vibration resistance according to IEC 60068-2-6       ±1 mm at 5 to 150Hz and 60m/s² at 25 to 150 Hz         ambient temperature during operation       60 m/s² at 25 to 150 Hz         • minimum       25 ° C         ambient temperature during operation       max. 95% humidity         • maximum       -40 °C         • maximum       -55 ° C         • maximum       -40 °C         • maximum       -50 ° C         • maximum       -50 ° C         • Confirmation       57 ° C         • Declaration of Con- formity       Environmental Con- formity         • Confirmation       other       Environmental Con- firmations         • Declaration of C	width			54 mm				
number of modular width units       3         fastening method       on standard mounting rail         mounting position       any         net weight       500 g         The standard mounting rail         The standard standard mounting rail         The standard standard standard mounting rail         The standard standard standard mounting rail         The standard standard mounting rail         The standard standard mounting rail         The standard mounting rail         The standard mounting r	depth			70 mm				
fastening method       on standard mounting rail         mounting position       any         net weight       500 g         standard       IEC / EN 60947-2 / UL 489         vibration resistance       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/s <sup>3</sup> at 25 to 150 Hz         ambient temperature during operation       r-25 °C         ambient temperature during operation       r-40 °C         r maximum       r5° °C         emaximum       r-40 °C         r maximum       r5° °C         environmental conditions       recervice         environment	installation depth			70 mm				
mounting position       any         net weight       500 g         Environmental conditions       FC / EN 60947-27 / UL 489         standard       IEC / EN 60947-27 / UL 489         vibration resistance       50 m/s² at 25 to 150Hz and 60m/s² 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       ±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz         ambient temperature during operation       max. 95% humidity         ambient temperature during storage       -40 °C         • maximum       75 °C         General Product Approval       Environmental Conditions         Confirmation       50 °C         Up of Control Control Control Control Control Control Control Control at the store of Control Control Control Control Control Control Control Control Control at the store of Control at the store of Control at the store of Control control control at the store of Control at the store of Control at the store of Control Contro the store control Control Control Contro at the stor	number of modular width units			3				
net weight       500 g         Environmental conditions       Environmental conditions         standard       IEC / EN 60947-2 / UL 489         vibration resistance       50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)         vibration resistance according to IEC 60068-2-6       ±1 mat 5 to 25 Hz; 50 m/s² at 25 to 150 Hz         ambient temperature during operation       max. 95% humidity         ambient temperature during storage       -25 °C         ambient temperature during storage       -40 °C         n maximum       75 °C         General Product Approval       To °C         Confirmation       for C         unaximum       75 °C         General Product Approval       Environmental Con-formity         Declaration of Con-formity       Test Certificates         other       Environmental Con-firmation         Special Test Certificates       Confirmation         Atta C       Confirmation         Special Test Certificates       Confirmation         Special Test Certific- ate       Confirmation	fastening method			on standa	tandard mounting rail			
Environmental conditions       IEC / EN 60947-2 / UL 489         standard       IEC / EN 60947-2 / UL 489         vibration resistance       50 m/s <sup>3</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/s <sup>2</sup> at 25 to 150 Hz         ambient temperature during operation       max. 95% humidity         ambient temperature during operation       max. 95% humidity         ambient temperature during storage       -40 °C         • maximum       -75 °C         General Product Approval       -40 °C         Confirmation       75 °C         Declaration of Conformity       Confirmation         formity       Test Certificates       other         Centificates       Confirmation         Special Test Certificates       Confirmation         Miscellaneous       Environmental Confirmation	mounting position			any				
standard       IEC / EN 60947-2 / UL 489         vibration resistance       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/s <sup>2</sup> at 25 to 150 Hz         ambient temperature during operation       ±1 mm at 5 to 25 Hz; 50 m/s <sup>2</sup> at 25 to 150 Hz         ambient temperature during operation       55 °C         ambient temperature during operation       max. 95% humidity         ambient temperature during storage       -40 °C         • minimum       75 °C         General Product Approval       -40 °C         Confirmation       75 °C         Generation of Con- formity       Confirmation         Cocc       Test Certificates       other         Environment       Environmental Con- firmations         Confirmation       Miscellaneous       Environmental Con- firmations	net weight							
vibration resistance       50 m/s* at 25 to 150Hz and 60m/s* at 35Hz (4sec)         vibration resistance according to IEC 60068-2-6       ±1 mm at 5 to 25 Hz; 50 m/s* at 25 to 150 Hz         ambient temperature during operation       ±1 mm at 5 to 25 Hz; 50 m/s* at 25 to 150 Hz         • maximum       -25 °C         ambient temperature during operation       max. 95% humidity         • maximum       -25 °C         ambient temperature during storage       -40 °C         • maximum       -75 °C         General Product Approval       -40 °C         Confirmation       Test Certificates         other       Environmental Confirmation         Vibration of Conation       Special Test Certificates         Confirmation       Miscelianeous         Special Test Certificates       Confirmation         Special Test Certificates       Confirmation         Special Test Certificates       Confirmation         Special Test Certificates       Confirmation         Miscelianeous       Environmental Confirmation	Environmental condition	S						
vibration resistance according to IEC 60068-2-6       ±1 mm at 5 to 25 Hz; 50 m/s <sup>2</sup> at 25 to 150 Hz         ambient temperature during operation       55 °C         • maximum       -25 °C         ambient temperature during operation       max. 95% humidity         ambient temperature during operation       max. 95% humidity         ambient temperature during storage       -40 °C         • maximum       -75 °C         General Product Approval       -40 °C         Confirmation       75 °C         Declaration of Con- formity       Test Certificates         Other       Environmental Con- firmations         Environmental Con- firmations       Special Test Certific- ate       Confirmation	standard			IEC / EN 60947-2 / UL 489				
ambient temperature during operation       55 °C         • minimum       -25 °C         ambient temperature during operation       max. 95% humidity         ambient temperature during storage       -40 °C         • minimum       -75 °C         • maximum       75 °C         General Product Approval       -40 °C         Confirmation       max         vicc       75 °C         General Product Approval       Image: Confirmation of Conformity         Confirmation       Image: Confirmation of Conformity         Confirmation       other         Environmental Confirmation at a firmation at a	vibration resistance	vibration resistance			50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)			
• minimum       55 °C         • maximum       -25 °C         ambient temperature during operation       max. 95% humidity         ambient temperature during storage       -40 °C         • maximum       -75 °C         General Product Approval       -40 °C         Confirmation       75 °C         Declaration of Conformity       Confirmation         text       Confirmation         text       text         text	vibration resistance acco	vibration resistance according to IEC 60068-2-6		±1 mm at 5 to 25 Hz; 50 m/s² at 25 to 150 Hz				
• maximum-25 °Cambient temperature during operationmax. 95% humidityambient temperature during storage-40 °C• minimum-40 °C• maximum75 °CDeclaration of ConformationcccConfirmationConfirmationtotherDeclaration of ConformityTest CertificatesOtherEnvironmental ConfirmationCentificatesConfirmationSpecial Test CertificatesConfirmationSpecial Test CertificatesMiscellaneousSpecial Test CertificatesConfirmationSpecial Test CertificatesMiscellaneousSpecial Test CertificatesMiscellaneousSpecial Test CertificatesMiscellaneousSpecial Test CertificatesMiscellaneousSpecial Test CertificatesConfirmationSpecial Test CertificatesMiscellaneousSpecial Test Ce	ambient temperature dur	ing operation						
ambient temperature during storage       max. 95% humidity         ambient temperature during storage       -40 °C         minimum       -40 °C         maximum       -40 °C         rs °C       75 °C         Declaration of Conformation         ccc       Confirmation         ccc       Test Certificates         other       Environmental Confirmation         cf fermity       Special Test Certificates         cf fermity       Special Test Certificates         fermity       Miscellaneous         firmations       Special Test Certificates         fermity       Special Test Certificates	<ul> <li>minimum</li> </ul>			55 °C				
ambient temperature during storage       -40 °C         · minimum       -75 °C         General Product Approval       Imaximum         Imaximum       Confirmation         Imaximum       Confirmation         Imaximum       Confirmation         Imaximum       Imaximum         Imaximum       <	<ul> <li>maximum</li> </ul>	• maximum			-25 °C			
• minimum • maximum       -40 °C 75 °C         General Product Approv       Image: Confirmation of Con- formity         Confirmation       Image: Confirmation of Con- formity         Declaration of Con- formity       Test Certificates         Other       Image: Confirmation of Con- formity         Environmental Con- formity       Special Test Certific- ate         Special Test Certific- ate       Confirmation	ambient temperature during operation			max. 95% humidity				
• maximum       75 °C         General Product Approval       Confirmation         Confirmation       Image: Confirmation of Confirmatio Confirmation of Confirmation of Confirma	ambient temperature dur	ing storage						
Declaration of Conformity         Confirmation       Confirmatio	• minimum			-40 °C				
Confirmation       Confirmation       Image: Confirmation of Conformity       Image: Confirmation of Conformity       Test Certificates       other       Environmental Confirmation of Confirmation         Image: Certificates       Special Test Certificates       Confirmation       Miscellaneous       Environmental Confirmation of Confirmation of Confirmation of Confirmation of Confirmation of Confirmation of Confirmation         Image: Certificates       Confirmation       Miscellaneous       Environmental Confirmation of Confirmatio Confirmation of Confirmatio Confirmation o	<ul> <li>maximum</li> </ul>			75 °C				
Declaration of Con- formity     Test Certificates     other     Environmental Con- firmations       Certificates     Confirmation     Miscellaneous     Environmental Con- firmations	General Product Appro	oval						
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#### Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=5SJ4313-8HG42

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

https://support.industry.siemens.com/cs/ww/en/ps/5SJ4313-8HG42

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

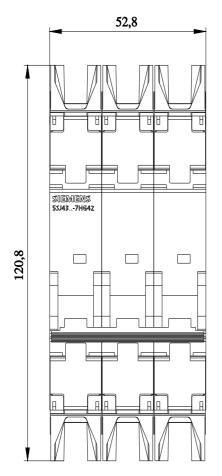
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SJ4313-8HG42

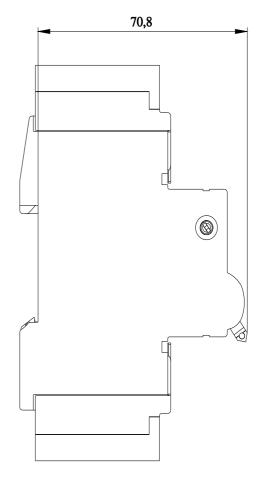
**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications





last modified:

8/13/2023 🖸

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