## SIEMENS

## Data sheet

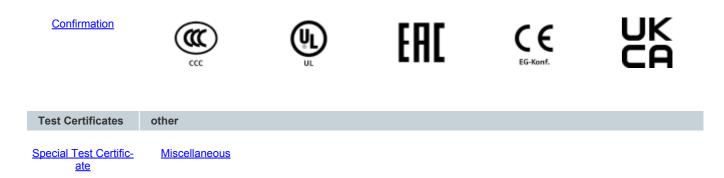
## 5SJ4235-7HG42



Circuit breaker 10kA, 2-pole, C, 35A according to UL 489-480Y/277V

product brand name         SENTRON           product designation         Miniature circuit breakers           design of the product         Miniature circuit breaker 5SJ4           Ceneral technical data         1           number of poles         2           tripping characteristic class         C           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 DIN 40719 extended         3           according to IEC 204-2 / according to IEC 750         3           oedgree of pollution         3           Voltage         Voltage           type of voltage / of the operating voltage         AC/DC           insulation voltage (U) / at AC / rated value         400 V           operating voltage         402 / raccording to UL 489 and CSA C22 2 No. 5-           02 / maximum         60 V           e at CC / rated value         400 V           operating voltage for unery / rated value         50 Hz           Protection class         F           protection class IP         IP20, with connected conductors, IP 40 in the handle range           Switching capacity         37 W           Switching capacity c	Model	
design of the product     Miniature circuit-breaker 5SJ4       General technical data     1       number of poles     2       tripping characteristic class     C       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 DIN 40719 extended     according to IEC 204-27 according to IEC 750       overvoltage category     3       degree of pollution     3       Voltage     Voltage       supply voltage / of the operating voltage     AC/DC       insulation voltage (Ui) / at AC / rated value     440 V       Supply voltage     at AC / rated value       supply voltage / at AC / rated value     400 V       operating voltage     at CC / according to UL 489 and CSA 522 2 No. 5-02 / maximum       e at DC / single channel / according to UL 489 and CSA     22 V       c222 No. 5-02 / maximum     60 V       e at DC / ingle channel / according to UL 489 and CSA     125 V       c222 No. 5-02 / maximum     50 Hz       Protection class IP     IP20, with connected conductors, IP 40 in the handle range       Switching capacity current     10 kA       e according to EK 60898 / rated value     10 kA       e according to EK 60898 / rated value     10 kA <td< td=""><td>product brand name</td><td>SENTRON</td></td<>	product brand name	SENTRON
General technical data         number of poles       2         Iripping characteristic class       C         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 IEC 750       F         overvoltage category       3         degree of pollution       3         Voltage       AC/DC         insulation voltage (JI) / at AC / rated value       440 V         Supply voltage / at AC / rated value       440 V         Supply voltage       AC/DC         insulation voltage (JI) / at AC / rated value       400 V         operating voltage       AC/DC         • at AC / raced value / maximum       60 V         • at AC / scoording to UL 489 and CSA C22.2 No. 5-02 / maximum       277 V         • at DC / rated value / maximum       60 V         • at DC / rated value / according to UL 489 and CSA C22.2 No. 5-02 / maximum       50 Hz         Protection class IP       IP20, with connected conductors, IP 40 in the handle range         Switching capacity       succording to EC 60947-2 / rated value       10 kA         • according to EN 60989 / rated value       10 kA       10 kA         • according to EN 60	product designation	Miniature circuit breakers
number of poles         2           tripping characteristic class         C           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 DIN 40719 extended according to IEC 204-2 / according to IEC 750         3           overvoltage category         3           degree of pollution         3           Voltage         ////////////////////////////////////	design of the product	Miniature circuit-breaker 5SJ4
tripping characteristic class       C         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 DIN 40719 extended       F         overvoltage category       3         degree of pollution       3         Voltage       AC/DC         insulation voltage (JI) / at AC / rated value       440 V         Supply voltage       at AC / rated value         exploy voltage / at AC / rated value       400 V         operating voltage       at AC / rated value         • at DC / according to UL 489 and CSA C22.2 No. 5-       277 V         02 / maximum       60 V         e at DC / single channel / according to UL 489 and CSA       2277 V         02 / 22.2 No. 5-02 / maximum       60 V         e at DC / single channel / according to UL 489 and CSA       227 V         geze 2 No. 5-02 / maximum       125 V         e at DC / single requency / rated value       50 Hz         Protection class       Protection class         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 k	General technical data	
In Construction       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 IEC 204-2 / according to IEC 750       S         overvoltage category       3         degree of pollution       3         Voltage       type of voltage / of the operating voltage         type of voltage / at AC / rated value       440 V         Supply voltage       4 AC / rated value         operating voltage       420 V         • at AC / according to UL 489 and CSA C22.2 No. 5-       277 V         0 C / 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 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 IEC 60947-2 / rated value       10 kA         • according to IEC 60947-2 / rated value       3.7 W         Dissipation       3.7 W	number of poles	2
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 IEC 750         overvoltage category       3         degree of pollution       3         Votage       AC/DC         insulation voltage (UI) / at AC / rated value       440 V         Supply voltage / at AC / rated value       440 V         Supply voltage / at AC / rated value       400 V         operating voltage (DI) / at AC / rated value       400 V         operating voltage (DI) / at AC / rated value       400 V         operating voltage (DI) / at AC / rated value       60 V         operating voltage (DI) / at AC / rated value       60 V         operating voltage (DI) / at AC / rated value       60 V         e at DC / according to UL 489 and CSA C22.2 No. 5-0 / maximum       60 V         e at DC / rated value / maximum       60 V         e at DC / z-channel / according to UL 489 and CSA 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       15 kA         Dissipation       0 V KA       15 kA         Dissipation       3.7 W       3.7 W	tripping characteristic class	С
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 / of the operating voltage       AC/DC         insulation voltage / of the operating voltage       AC/DC         isupply voltage       440 V         Supply voltage       4C/DC         operating voltage       4C/DC         insulation voltage / at AC / rated value       440 V         Supply voltage       4AC / according to UL 489 and CSA C22.2 No. 5-         02 / 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       125 V         supply voltage frequency / rated value       50 Hz         Protection class IP       IP20, with connected conductors, IP 40 in the handle range         Switching capacity       10 kA         • according to EIC 60947-2 / rated value       10 kA         • according to EIC 60947-2 / rated value       3.7 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         operational current       • at 30 °C / rated value       3.7 W <td>mechanical service life (switching cycles) / typical</td> <td>10 000</td>	mechanical service life (switching cycles) / typical	10 000
according to IEC 204-2 / according to IEC 750       3         overvoltage category       3         degree of pollution       3         Voltage       400 V         supply voltage / at AC / rated value       440 V         Supply voltage / at AC / rated value       400 V         operating voltage       400 V         • at AC / according to UL 489 and CSA C22.2 No. 5-       277 V         02 / 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         • 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         • according to IL according to UL 489 and CSA       C22.2 No. 5-02 / maximum         • according to EX eventer       125 V         • according to EX eventer       125 V         • according to EX eventer       10 kA         • according to EX 60987 / rated value       10 kA         • according to EX 60947-2 / rated value       15 kA         Dissipation <td>installation environment regarding EMC</td> <td>Suitable for environment B (immunity to interference not applicable)</td>	installation environment regarding EMC	Suitable for environment B (immunity to interference not applicable)
degree of pollution       3         Voltage       AC/DC         insulation voltage / of the operating voltage       AC/DC         insulation voltage (U) / at AC / rated value       440 V         Supply voltage       440 V         supply voltage       400 V         operating voltage       400 V         • at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum       277 V         • at DC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum       60 V         • at DC / 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         • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum       50 Hz         Protection class       IP20, with connected conductors, IP 40 in the handle range         Switching capacity current       90 kA         • according to EC 60947-2 / rated value       10 kA         • according to EC 60947-2 / rated value       15 kA         Dissipation       3.7 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       35 A	0	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         operating voltage       400 V         • at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum       277 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       125 V         • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum       50 Hz         Protection class       125 V         gswitching capacity       50 Hz         Protection class IP       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 EN 60894 / rated value       15 kA         Dissipation       3.7 W         power loss [M] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         Operational current       430 °C / rated value       35 A	overvoltage category	3
type of voltage / of the operating voltage       AC/DC         insulation voltage (Ui) / at AC / rated value       440 V         Supply voltage       400 V         operating voltage       400 V         • at AC / rated value       400 V         operating voltage       400 V         • at AC / rated value       400 V         • at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum       277 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 / 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 EC 60947-2 / rated value       10 kA         • according to EC 60947-2 / rated value       3.7 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         operational current       35 A	degree of pollution	3
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       277 V         • at DC / rated value / maximum       60 V       60 V         • 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 IP       IP20, with connected conductors, IP 40 in the handle range         switching capacity current       10 kA         • according to IEC 60947-2 / rated value       10 kA         • according to IEC 60947-2 / rated value       3.7 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         current       • at 30 °C / rated value       35 A	Voltage	
Supply voltage       400 V         operating voltage       400 V         • at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum       277 V         • at DC / rated value / maximum       60 V         • at DC / rated value / maximum       60 V         • at DC / rated value / maximum       60 V         • at DC / channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum       80 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 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       10 kA         • according to IEC 60947-2 / rated value       13 rW         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         current       • at 30 °C / rated value       35 A	type of voltage / of the operating voltage	AC/DC
supply voltage / at AC / rated value     400 V       operating voltage <ul> <li>at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum</li> <li>at DC / rated value / maximum</li> <li>at DC / rated value / maximum</li> <li>at DC / rated value / maximum</li> <li>at DC / z-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>at DC / z-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>but DC / z-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>but DC / z-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>but DC / z-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>but DC / z-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>but DC / z-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>but December 10 UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>but DC / z-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>but DC / z-channel / according to IEC 60947-2 / rated value</li> <li>but A</li> <li>according to IEC 60947-2 / rated value</li> <li>but A</li> <li>but Operating state / per pole</li> <li>but Operating state / per pole</li> <li>but Operational current</li> <li>at 30 °C / rated value</li> <li>at 30 °C / rate</li></ul>	insulation voltage (Ui) / at AC / rated value	440 V
operating voltage <ul> <li>at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum</li> <li>at DC / rated value / maximum</li> <li>at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>bt DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>bt DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>bt DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>bt DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>bt D / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>bt D / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>bt D / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>bt D / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>bt C / 2-channel / according to UL 489 and CSA Protection class IP</li> <li>IP20, with connected conductors, IP 40 in the handle range</li> <li>switching capacity current</li> <li>according to EN 60898 / rated value</li> <li>to KA</li> <li>according to IEC 60947-2 / rated value</li> <li>to KA</li> <li>bc operating state / per pole</li> <li>to current</li> <li>at 30 °C / rated value</li> <li>35 A</li> </ul>	Supply voltage	
<ul> <li>at AC / according to UL 489 and CSA C22.2 No. 5- 02 / maximum</li> <li>at DC / rated value / maximum</li> <li>at DC / single channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum</li> <li>supply voltage frequency / rated value</li> <li>50 Hz</li> <li>Protection class</li> <li>protection class IP</li> <li>IP20, with connected conductors, IP 40 in the handle range</li> <li>Switching capacity current         <ul> <li>according to EN 60898 / rated value</li> <li>to KA</li> <li>according to IEC 60947-2 / rated value</li> <li>to KA</li> <li>bissipation</li> <li>power loss [W] / for rated value of the current / at AC / in hot operating state / per pole</li> </ul> </li> <li>Current         <ul> <li>at 30 °C / rated value</li> </ul> </li> </ul>	supply voltage / at AC / rated value	400 V
02 / maximum       60 V         • at DC / rated value / maximum       60 V         • at DC / single channel / according to UL 489 and CSA 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         • at DC / 2-channel / according to UL 489 and CSA C22.2 No. 5-02 / maximum       50 Hz         supply voltage frequency / rated value       50 Hz         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       10 kA         • according to IEC 60947-2 / rated value       3.7 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 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         switching capacity current           • according to EN 60898 / rated value         10 kA           • according to IEC 60947-2 / rated value         15 kA           Dissipation         3.7 W           power loss [W] / for rated value of the current / at AC / in hot operating state / per pole         3.7 W           current         • at 30 °C / rated value         35 A	8	277 V
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       protection class IP         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       3.7 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         Current       operational current       35 A	<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       • 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       3.7 W         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         operational current       • at 30 °C / rated value       35 A		60 V
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       switching capacity current         • according to EN 60898 / rated value       10 kA         • according to IEC 60947-2 / rated value       15 kA         Dissipation       state / per pole         Current       operational current         • at 30 °C / rated value       35 A		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       state         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         Current       according current         • at 30 °C / rated value       35 A	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         • at 30 °C / rated value         35 A	Protection class	
switching capacity current       according to EN 60898 / rated value       10 kA         • according to IEC 60947-2 / rated value       15 kA         Dissipation       5 kA         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         Current       operational current         • at 30 °C / rated value       35 A	protection class IP	IP20, with connected conductors, IP 40 in the handle range
e according to EN 60898 / rated value 10 kA     e 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     e at 30 °C / rated value 35 A	Switching capacity	
e 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     e at 30 °C / rated value     35 A	switching capacity current	
Dissipation         power loss [W] / for rated value of the current / at AC / in hot operating state / per pole       3.7 W         Current       operational current <ul> <li>at 30 °C / rated value</li> <li>35 A</li> </ul>	<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     3.7 W       Current     Operational current • at 30 °C / rated value     35 A	<ul> <li>according to IEC 60947-2 / rated value</li> </ul>	15 kA
hot operating state / per pole  Current  operational current  • at 30 °C / rated value  35 A	Dissipation	
operational current       • at 30 °C / rated value       35 A		3.7 W
• at 30 °C / rated value 35 A	Current	
	operational current	
• at 40 °C / rated value 35 A	• at 30 °C / rated value	35 A
	• at 40 °C / rated value	35 A

	A. 1
• at 45 °C / rated value	34 A
• at 50 °C / rated value	33.3 A
• at 55 °C / rated value	32.4 A
• at 60 °C / rated value	31.5 A
at AC / rated value	35 A
Main circuit	
type of voltage supply / at AC / according to UL 489 and CSA C22.2 No. 5-02	480/277
suitability for operation	Mechanical engineering / industry
Product details	
product component / neutral conductor switching	No
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 feature	
<ul> <li>halogen-free</li> </ul>	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	
breaking capacity short-circuit current (Icn) / at AC / according to UL 1077 and CSA C22.2 No.235	10 kA
Connections	
connectable conductor cross-section / finely stranded /	
with core end processing	
<ul><li>with core end processing</li><li>minimum</li></ul>	0.75 mm²
	0.75 mm² 25 mm²
• minimum	
<ul><li>minimum</li><li>maximum</li></ul>	25 mm <sup>2</sup>
minimum     maximum tightening torque / with screw-type terminals / maximum	25 mm² 3.5 N·m
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord	25 mm² 3.5 N·m
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design	25 mm² 3.5 N·m Any
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height	25 mm² 3.5 N·m Any 121 mm
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width	25 mm <sup>2</sup> 3.5 N·m Any 121 mm 36 mm
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width     depth	25 mm <sup>2</sup> 3.5 N·m Any 121 mm 36 mm 70 mm
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width     depth     installation depth	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width     depth     installation depth     number of modular width units	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width     depth     installation depth     number of modular width units     fastening method	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width     depth     installation depth     number of modular width units     fastening method     mounting position	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width     depth     installation depth     number of modular width units     fastening method     mounting position     net weight	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width     depth     installation depth     number of modular width units     fastening method     mounting position     net weight     Environmental conditions	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width     depth     installation depth     number of modular width units     fastening method     mounting position     net weight     Environmental conditions     vibration resistance	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g
minimum     maximum     tightening torque / with screw-type terminals / maximum     position / of power supply cord     Mechanical Design     height     width     depth     installation depth     number of modular width units     fastening method     mounting position     net weight     Environmental conditions     vibration resistance     ambient temperature / during operation	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec)
<ul> <li>minimum</li> <li>maximum</li> <li>tightening torque / with screw-type terminals / maximum</li> <li>position / of power supply cord</li> <li>Mechanical Design</li> <li>height</li> <li>width</li> <li>depth</li> <li>installation depth</li> <li>number of modular width units</li> <li>fastening method</li> <li>mounting position</li> <li>net weight</li> <li>Environmental conditions</li> <li>vibration resistance</li> <li>ambient temperature / during operation</li> <li>minimum</li> </ul>	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C
<ul> <li>minimum</li> <li>maximum</li> <li>tightening torque / with screw-type terminals / maximum</li> <li>position / of power supply cord</li> <li>Mechanical Design</li> <li>height</li> <li>width</li> <li>depth</li> <li>installation depth</li> <li>number of modular width units</li> <li>fastening method</li> <li>mounting position</li> <li>net weight</li> <li>Environmental conditions</li> <li>vibration resistance</li> <li>ambient temperature / during operation</li> <li>maximum</li> </ul>	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C
<ul> <li>minimum</li> <li>maximum</li> <li>tightening torque / with screw-type terminals / maximum</li> <li>position / of power supply cord</li> <li>Mechanical Design</li> <li>height</li> <li>width</li> <li>depth</li> <li>installation depth</li> <li>number of modular width units</li> <li>fastening method</li> <li>mounting position</li> <li>net weight</li> <li>Environmental conditions</li> <li>vibration resistance</li> <li>ambient temperature / during operation</li> <li>maximum</li> <li>ambient temperature / during storage</li> </ul>	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C
<ul> <li>minimum</li> <li>maximum</li> <li>tightening torque / with screw-type terminals / maximum</li> <li>position / of power supply cord</li> <li>Mechanical Design</li> <li>height</li> <li>width</li> <li>depth</li> <li>installation depth</li> <li>number of modular width units</li> <li>fastening method</li> <li>mounting position</li> <li>net weight</li> <li>Environmental conditions</li> <li>vibration resistance</li> <li>ambient temperature / during operation</li> <li>minimum</li> <li>maximum</li> <li>ambient temperature / during storage</li> <li>minimum</li> </ul>	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C
<ul> <li>minimum</li> <li>maximum</li> <li>tightening torque / with screw-type terminals / maximum</li> <li>position / of power supply cord</li> <li>Mechanical Design</li> <li>height</li> <li>width</li> <li>depth</li> <li>installation depth</li> <li>number of modular width units</li> <li>fastening method</li> <li>mounting position</li> <li>net weight</li> <li>Environmental conditions</li> <li>vibration resistance</li> <li>ambient temperature / during operation</li> <li>minimum</li> <li>maximum</li> <li>ambient temperature / during storage</li> <li>minimum</li> <li>maximum</li> </ul>	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C
<ul> <li>minimum</li> <li>maximum</li> <li>tightening torque / with screw-type terminals / maximum</li> <li>position / of power supply cord</li> <li>Mechanical Design</li> <li>height</li> <li>width</li> <li>depth</li> <li>installation depth</li> <li>number of modular width units</li> <li>fastening method</li> <li>mounting position</li> <li>net weight</li> <li>Environmental conditions</li> <li>vibration resistance</li> <li>ambient temperature / during operation</li> <li>minimum</li> <li>maximum</li> <li>ambient temperature / during storage</li> <li>minimum</li> <li>maximum</li> </ul>	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C
<ul> <li>minimum</li> <li>maximum</li> <li>tightening torque / with screw-type terminals / maximum</li> <li>position / of power supply cord</li> <li>Mechanical Design</li> <li>height</li> <li>width</li> <li>depth</li> <li>installation depth</li> <li>number of modular width units</li> <li>fastening method</li> <li>mounting position</li> <li>net weight</li> <li>Environmental conditions</li> <li>vibration resistance</li> <li>ambient temperature / during operation</li> <li>minimum</li> <li>maximum</li> <li>ambient temperature / during storage</li> <li>minimum</li> <li>maximum</li> </ul>	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C 75 °C
<ul> <li>minimum</li> <li>maximum</li> <li>tightening torque / with screw-type terminals / maximum</li> <li>position / of power supply cord</li> <li>Mechanical Design</li> <li>height</li> <li>width</li> <li>depth</li> <li>installation depth</li> <li>number of modular width units</li> <li>fastening method</li> <li>mounting position</li> <li>net weight</li> <li>Environmental conditions</li> <li>vibration resistance</li> <li>ambient temperature / during operation</li> <li>minimum</li> <li>maximum</li> <li>ambient temperature / during storage</li> <li>minimum</li> <li>maximum</li> <li>Certificates</li> <li>reference code</li> <li>according to EN 61346-2</li> </ul>	25 mm² 3.5 N·m Any 121 mm 36 mm 70 mm 70 mm 2 on standard mounting rail any 339 g 50 m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) 55 °C -25 °C -40 °C 75 °C F



## Further information

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