## SIEMENS

## Data sheet

## 3VA5290-6EC32-0AA0



circuit breaker 3VA5 UL frame 250 breaking capacity class H 65kA @ 480 V 3-pole, line protection TM230, FTAM, In=90A overload protection Ir=90A fixed short-circuit protection Ii=5...10 x In nut keeper kit on both sides

Model	
product brand name	SENTRON
product designation	Molded-case circuit breaker
product designation / according to UL file	HFAS
design of the product	System protection
design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type)	Yes
design of the load switch / according to UL 489 / High-Intensity- Discharge circuit breaker (HID Type)	No
design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)	No
design of the overcurrent release	TM230
protection function of the overcurrent release	Ц
number of poles	3
General technical data	
insulation voltage / rated value	800 V
operating voltage / at DC / rated value	750 V
operating voltage / at AC / rated value	690 V
power loss [W] / maximum	25 W
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	8.2 W
mechanical service life (operating cycles) / typical	20 000
electrical endurance (operating cycles) / at AC-1 / at 380/415 V	8 000
electrical endurance (operating cycles) / at AC-1 / at 690 V	4 000
electrical endurance (operating cycles) / at 480 V	8 000
electrical endurance (operating cycles) / at 600 V	4 000
product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof	No
ground-fault monitoring version	without
product function	
<ul> <li>communication function</li> </ul>	No
<ul> <li>other measurement function</li> </ul>	No
Net Weight	2.252 kg
Current	
marking / according to UL 489 / 100%-rated breaker	No
operational current	
• at 40 °C	90 A
• at 45 °C	90 A
• at 50 °C	90 A
• at 55 °C	87.3 A
• at 60 °C	85.5 A
● at 65 °C	82.8 A

But Not Survey         Joses           avel billing capacity dates of the dront breaker maxmum short-focul aurent breaking capacity (ker)         I           ••••••••••••••••••••••••••••••••••••	● at 70 °C	79.2 A
eventum         H           namum short-ford current breaking capacity (loc)         500 kA           et also Y         100 kA           et also Y         100 kA           et also Y         154 kA           et also Y         100		
maxmum         add 20 y           at 24 0 y         100 kÅ           at 24 0 y         100 kÅ           at 80 0 y         100 kÅ           at 240 Y         220 kÅ           at 41 4 V         154 kÅ           at 420 V         154 kÅ           at 430		Н
•••••••••••••••••••••••••••••••••••		
• • • • • • • • • • • • • • • • • • •		100 kA
• 1980 V19/Aoperaling short-denix durant breaking capacity (ics)•• 19240 V100 kA• 19450 V100 kA• 19450 V10 kA• 19450 V10 kA• 19450 V154 kA• 19450 V17 kA• 19450 V100 kA </td <td></td> <td></td>		
operating short-ducut current breaking capacity (ics)         00 kA           • et 240 V         100 kA           • et 160 V         10 kA           • et 160 V         10 kA           • et 160 V         220 kA           • et 160 V         220 kA           • et 160 V         220 kA           • et 160 V         16 kA           • et 160 V         16 kA           design of short-circuit current breaking capacity (icm)         16 kA           • et 160 V         17 kA           design of short-circuit current breaking capacity         16 kA           • et 160 V         17 kA           design de short-circuit protection         57 kraining power values in DC networks, see the 30 knowled case circuit breaking capacity           current breaking capacity         00 kA           • et 160 V         25 kA           Adjustable parameters         58 kA           edjustable response value deting current (i/) / or the Ltrip / wth 12d           chrainmum         90 A           • enaimum         15           • enaimum         60 A           • enaimum         90 A           • digustable carent (in/) / for t-k-tripping / wth 12d           chraintersponse value carent (i/) / or the triping / wth 12d           ed		
• • • • • • • • • • • • • • • • • • •		
• ai 680 V     10 kA       short-cout current making capacity (tem)     20 kA       • at 30 V     154 kA       • at 600 V     17 kA       design of short-circuit protection     For switching power values in DC networks, see the 3VA molded case circuit chapter       Switching capacity according to UL 489     For switching power values in DC networks, and the 1st be found under Service & Support in the 1st be fo		
short-drout current making capacity (Icm)		
a 240 V     220 Å       a at 240 V     154 kÅ       a at 260 V     17 kÅ       design of short-circuit protection     For switching power values in DC networks, see the 3VA molded case circuit calapter       Switching capacity according to UL 489     Evaluate device manual; link to be found under Service & Support in the last calapter       Switching capacity according to UL 489     Evaluate device manual; link to be found under Service & Support in the last calapter       Switching capacity according to UL 489     Evaluate device manual; link to be found under Service & Support in the last calapter       Switching capacity according to UL 489     Evaluate device manual; link to be found under Service & Support in the last calapter       Switching capacity according to UL 489     Evaluate device manual; link to be found under Service & Support in the last calapter       Switching capacity according to UL 489     Evaluate device manual; link to be found under Service & Support in the last calapter       Switching capacity according to UL 489     Evaluate device manual; link to be found under Service & Support in the last calapter       Switching capacity according to UL 489     Evaluate device manual; link to be found under Service & Support in the last calapter       Switching capacity according to UL 489     Evaluate device manual; link to Be found under Service & Support in the last calabter       Switching capacity according to UL 499     In Siminum       Initiation     1 s       Initiation     I s		
• al 415 V     154 kÅ       • al 690 V     77 KÅ       Gesign of hich-circuit protection     For switching power values in DC networks, see the 3VA molded case circuit breaker device manual; link to be found under Service & Support in the test appert of the set of		220 kA
• al 600 V         71 KA           design of short-circuit protection         For switching power values in DC networks, see the 3VA molded case circuit balapter           Switching capacity according to UL 430		
design of short-circuit protection         For sutching power values in DC networks, see the 3VA molded case circuit braker device manual; link to be found under Service & Support in the last chapter           Switching capacity according to UL 439         Courrent breaking capacity • at 240 V         100 kA           • at 440 V         65 kA         -           • at 450 V         65 kA         -           • at 650 V         25 kA         -           Adjustable response value setting current (I/) / of the L-trip / with 22 characteristic         90 A           • minimum         90 A           • maximum         90 A           • minimum         1 s           • minimum         90 A           • minimum         90 A           • minimum         90 A           • maximum         90 A           • minimum         1 s           • minimum         90 A           • maximum         0 A           • minimum         0 A <t< td=""><td></td><td></td></t<>		
Switching capacity according to UL 493           current treaking capacity         100 kA           et at 400 V         65 kA           et at 600 V         25 kA           Adjustable parameters         adjustable response value setting current (tr) / of the L-trip / with 12 theraceteristic           et intimum         90 A           adjustable response value delay time (tr) / for L-tripping / with 12 theraceteristic         1           et adjustable response value delay time (tr) / for L-tripping / with 12 theraceteristic         1           et adjustable response value setting current (tr) / for L-tripping / with 12 theraceteristic         1           et adjustable response value setting current (tr) / for L-tripping / with 12 theraceteristic         0 A           et adjustable response value setting current (tr) / for L-tripping / with 12 theraceteristic         0 A           et adjustable response value setting current (tr) / for L-tripping / with 12 theraceteristic         0 A           et adjustable response value setting current (tr) / for L-tripping / with 12 theraceteristic         0 A           et adjustable response value setting current (tr) / for L-tripping / with 12 theraceteristic         0 A           et adjustable response value setting current (tr) / for L-tripping / with 12 theraceteristic         0 A           et adjustable response value setting current (tr) / for L-tripping / with 12 theraceteristic         0 A           et adi		
current breaking capacity     100 kA       • at 240 V     100 kA       • at 480 V     25 kA       Adjustable parameters     at 600 V       adjustable response value setting current (ir) / of the L-trip / with 12t characteristic     • minimum       • minimum     90 A       • maximum     90 A       adjustable response value delay time (tr) / for L-tripping / with 12t characteristic     • minimum       • minimum     1 s       • adjustable response value setting current (iii) / for I-tripping     • maximum       • maximum     900 A       adjustable current (inN) / for N-tripping     • maximum       • minimum     0 A       • maximum     0 A       • orduct function / grounding protection     No       • voltage figger     No       • voltage figger     No       • voltage figger	design of short-circuit protection	breaker device manual; link to be found under Service & Support in the last
et 240 V     et 480 V     et 480 V     es 440 V	Switching capacity according to UL 489	
• at 480 V         65 kA           • at 600 V         25 kA           adjustable presponse value setting current (/r) / of the L-trip / with L2t characteristic         90 A           • maximum         90 A           • maximum         90 A           • minimum         90 A           • maximum         1 s           adjustable response value setting current (il) / for I-tripping / with I2t           • maximum         900 A           adjustable current (INN) / for N-tripping         450 A           • maximum         0 A	current breaking capacity	
• at 600 V         Adjustable response value setting current (ir) / of the L-tinp / with [2f characteristic         • minimum       90 A         • maximum       90 A         adjustable response value delay time (tr) / for L-tripping / with [2f characteristic       1 s         • minimum       1 s         • adjustable response value setting current (li) / for L-tripping       450 A         • maximum       450 A         • maximum       0 A         • adjustable response value setting current (li) / for L-tripping       450 A         • maximum       0 A         • undinvoling protection       No         Product function / grounding protection       No         • undinvolinge release       No         • undinge tripger       No	• at 240 V	100 kA
Adjustable response value setting current (tr) / of the L-trip / with 12t characteristic       90 Å         • maximum       90 Å         • maximum       90 Å         • maximum       90 Å         • maximum       90 Å         • minimum       90 Å         • minimum       1 s         • minimum       1 s         • maximum       1 s         adjustable response value delay time (tr) / for L-tripping / with 12t characteristic       1 s         • minimum       1 s         • maximum       900 Å         adjustable response value setting ournent (li) / for I-tripping       450 Å         • maximum       900 Å         adjustable setting current (ln) / for N-tripping       0 Å         • maximum       0 Å         • maximum       0 Å         • maximum       0 Å         • maximum       0 Å         • dustable current response value current / of the current-dependent overotaor freeses       No         No       Machanical Design         • product function / grounding protection       No         • undervoltage release       No         • undervoltage release       No         • undervoltage release       No         width (in)       <	• at 480 V	65 kA
adjustable response value setting current (tr) / of the L-trip / with       90 A         • minimum       90 A         • adjustable response value delay time (tr) / for L-tripping / with 12t       1 s         • divarcetristic       1 s         • minimum       1 s         • maximum       1 s         • maximum       1 s         • adjustable response value setting current (tii) / for L-tripping       450 A         • maximum       900 A         adjustable response value setting current (tii) / for N-tripping       450 A         • maximum       00 A         adjustable current response value current / of the current-       90 90 A         dependent overload release       90 90 A         product tuncholtage release       No         • voltage trigger       No         • depth [in]       3.27 in         depth [in]       3.27 in         depth [in]       3.27 in         depth [in]       3.27 in         depth [in]	• at 600 V	25 kA
IZ characteristic       90 A         • maximum       90 A         adjustable response value delay time (tr) / for L-tripping / with IZt characteristic       1 s         • minimum       1 s         adjustable response value setting current (li) / for I-tripping / minimum       450 A         • minimum       900 A         adjustable response value setting current (li) / for I-tripping       •         • minimum       900 A         adjustable setting current (lin) / for N-tripping       •         • minimum       0 A         • maximum       900 A         adjustable setting current (lin) / for N-tripping       •         • maximum       0 A         • minimum       0 A         • minimum       0 A         • minimum       0 A         • undervoltage release       No         • voltage trigger	Adjustable parameters	
• maximum         90 Å           adjustable response value delay time (tr) / for L-tripping / with I2t	adjustable response value setting current (Ir) / of the L-trip / with	
adjustable response value delay time (tr) / for L-tripping / with 12t <ul> <li>minimum</li> <li>s</li> </ul> envirimum         1 s             adjustable response value setting current (li) / for I-tripping         450 A                envirimum         900 A           adjustable setting current (lnN) / for N-tripping         0 A                envirimum         0 A	• minimum	90 A
characteristic     1 s       • minimum     1 s       • maximum     1 s       adjustable response value setting current (li) / for I-tripping     450 A       • maximum     900 A       adjustable setting current (lnN) / for N-tripping     0 A       • maximum     0 A       adjustable current response value current / of the current-     0 90 A       degleadent overload release     90 90 A       product function / grounding protection     No       Mechanical Design     No       product component        • undervoltage release     No       • voltage trigger     No       • voltage trigger     No       • width [in]     7.28 in       height     105 mm       width [in]     3.27 in       depth     33 mm       Connections     Front connection       rarangement of electrical connectors / for main current circuit     Front connection       type of electrical connector / for main current circuit     rut keeper kit on both ends       type of electrical connectors / for flat-bar     13 x 1 mm       terminal connection / minimum     25 x 8 mm       terminal connector / minimum     silver	• maximum	90 A
• maximum       1 s         adjustable response value setting current (iii) / for I-tripping       450 A         • maximum       900 A         adjustable setting current (inN) / for N-tripping       0         • maximum       0 A         adjustable setting current (inN) / for N-tripping       0         • maximum       0 A         • openduct function / grounding protection       No         • widt fuiger       No         • voltage release       No         • voltage release       No         • undervoltage release       No         • width [in]       7.28 in         height [in]       3.27 in         depth       83 mm         Connections       Imagement of elec		
adjustable response value setting current (II) / for I-tripping       450 A         • minimum       900 A         adjustable setting current (InN) / for N-tripping       0 A         • minimum       0 A         • minimum       0 A         adjustable setting current (INN) / for N-tripping       0 A         adjustable current response value current / of the current-dependent / vertical release       90 90 A         product function / grounding protection       No         Mechanical Design       moderotitage release         product component       •         • inp indicator       No         height [in]       7.28 in         height [in]       413 in         width [in]       4.13 in         width [in]       32.27 in         depth       83 mm         Connections       ranagement of electrical connectors / for main current circuit         type of electrical connectors / for flat-bar       13 x 1 mm         type of electrical connectors / for flat-bar       25 x 8 mm         terminal connector / maximum       25 x 8 mm	• minimum	1 s
• minimum     450 A       • maximum     900 A       adjustable setting current (InN) / for N-tripping     0       • maximum     0 A       • maximum     0 A       adjustable current response value current / of the current- dependent overload release     90 90 A       adjustable current response value current / of the current- dependent overload release     90 90 A       product function / grounding protection     No       Mechanical Design     Product component       • undervoltage release     No       • voltage trigger     No       • lip indicator     No       height [in]     7.28 in       height [in]     4.13 in       width [in]     3.27 in       depth     83 mm       Connections     Front connection       type of electrical connectors / for main current circuit     nut keeper kit on both ends       type of connectable conductor cross-sections / for flat-bar     13 x 1 mm       terminal connector / maximum     25 x 8 mm       desing of the surface / of the connections / nor the bottom of the switch (N, 2, 4, 6)     silver	• maximum	1 s
• maximum         900 A           adjustable setting current (InN) / for N-tripping         0 A           • minimum         0 A           • maximum         0 A           adjustable current response value current / of the current- dependent overload release         90 90 A           product function / grounding protection         No           Mechanical Design         No           product component         • undervoltage release           • voltage trigger         No           • trip indicator         No           height [in]         7.28 in           height [in]         4.13 in           width         105 mm           depth [in]         3.27 in           depth         83 mm           Connectable conductor ross-sections / for flat-bar         Front connection           type of connectable conductor cross-sections / for flat-bar         13 x 1 mm           terminal connection / minimum         25 x 8 mm           Auxillary circuit         Silver	adjustable response value setting current (li) / for I-tripping	
adjustable setting current (InN) / for N-tripping       0 A         • maximum       0 A         adjustable current response value current / of the current- dependent overload release       90 90 A         product function / grounding protection       No         Mechanical Design	• minimum	450 A
• minimum         0 A           • maximum         0 A           adjustable current response value current/ of the current- dependent overload release         90 90 A           product function / grounding protection         No           Mechanical Dosign	• maximum	900 A
• maximum       0 Å         adjustable current response value current / of the current-       90 90 Å         product function / grounding protection       No         Mechanical Design	adjustable setting current (InN) / for N-tripping	
adjustable current response value current / of the current-       90 90 A         dependent overload release       No         Machanical Design       Product function / grounding protection         product component <ul> <li>undervoltage release</li> <li>voltage trigger</li> <li>trip indicator</li> <li>No</li> </ul> height [in]       7.28 in         height [in]       4.13 in         width [in]       4.13 in         width       105 mm         depth       83 mm         Connections           arrangement of electrical connectors / for main current circuit       Front connection         type of connectable conductor cross-sections / for flat-bar          13 x 1 mm         terminal connection / minimum             type of connectable conductor cross-sections / for flat-bar	• minimum	0 A
dependent overload release     No       Mechanical Design     product component       • undervoltage release     No       • voltage trigger     No       • trip indicator     No       height [in]     7.28 in       height [in]     7.28 in       width [in]     4.13 in       width     105 mm       depth     83 mm       Connections     Front connection       arrangement of electrical connectors / for main current circuit     Front connection       type of connectable conductor cross-sections / for flat-bar     13 x 1 mm       terminal connection / maximum     25 x 8 mm       terminal connection / maximum     silver	• maximum	0 A
Mechanical Design         product component         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         height [in]       7.28 in         height       185 mm         width [in]       4.13 in         width [in]       3.27 in         depth       83 mm         Connections       arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       Front connection         type of electrical connection / for flat-bar terminal connection / minimum       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver		90 90 A
product component     No       • undervoltage release     No       • voltage trigger     No       • trip indicator     No       height [in]     7.28 in       height     185 mm       width [in]     4.13 in       width [in]     4.13 in       width     105 mm       depth [in]     3.27 in       depth     83 mm       Connections       arrangement of electrical connectors / for main current circuit       type of electrical connection / for main current circuit     Front connection       type of electrical connectors / for flat-bar     13 x 1 mm       terminal connection / maximum     25 x 8 mm       design of the surface / of the connections / on the bottom of the silver     silver       Auxilliary circuit     Auxilliary circuit		No
• undervoltage release       No         • voltage trigger       No         • trip indicator       No         height [in]       7.28 in         height       185 mm         width [in]       4.13 in         width       105 mm         depth [in]       3.27 in         depth       83 mm         Connections       arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       rto connection         type of connectable conductor cross-sections / for flat-bar terminal connection / minimum       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	Mechanical Design	
• voltage trigger       No         • trip indicator       No         height [in]       7.28 in         height       185 mm         width [in]       4.13 in         width       105 mm         depth [in]       3.27 in         depth       3.27 in         genement of electrical connectors / for main current circuit       Front connection         type of electrical connectors / for main current circuit       nut keeper kit on both ends         type of connectable conductor cross-sections / for flat-bar       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar       25 x 8 mm         terminal connection / maximum       silver         design of the surface / of the connections / on the bottom of the silver       silver	product component	
• trip indicator       No         height [in]       7.28 in         height       185 mm         width [in]       4.13 in         width       105 mm         depth [in]       3.27 in         depth       83 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connectors / for main current circuit       Front connection         type of connectable conductor cross-sections / for flat-bar terminal connection / minimum       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the silver       silver	undervoltage release	No
height [in]7.28 inheight185 mmwidth [in]4.13 inwidth [in]4.13 inwidth105 mmdepth [in]3.27 indepth83 mmConnectionsarrangement of electrical connectors / for main current circuittype of electrical connectors / for main current circuitFront connectiontype of connectable conductor cross-sections / for flat-bar terminal connection / minimum13 x 1 mmtype of connectable conductor cross-sections / for flat-bar terminal connection / maximum25 x 8 mmdesign of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)silver	voltage trigger	No
height       185 mm         width [in]       4.13 in         width       105 mm         depth [in]       3.27 in         depth       83 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connectors / for main current circuit       Front connection         type of connectable conductor cross-sections / for flat-bar terminal connection / minimum       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	trip indicator	No
width [in]       4.13 in         width       105 mm         depth [in]       3.27 in         depth       83 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       Front connection         type of connectable conductor cross-sections / for flat-bar terminal connection / minimum       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	height [in]	7.28 in
width       105 mm         depth [in]       3.27 in         depth       83 mm         Connections       arrangement of electrical connectors / for main current circuit         arrangement of electrical connectors / for main current circuit       Front connection         type of electrical connection / for main current circuit       nut keeper kit on both ends         type of connectable conductor cross-sections / for flat-bar terminal connection / minimum       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	height	185 mm
depth [in]       3.27 in         depth       83 mm         Connections       arrangement of electrical connectors / for main current circuit         arrangement of electrical connectors / for main current circuit       Front connection         type of electrical connection / for main current circuit       nut keeper kit on both ends         type of connectable conductor cross-sections / for flat-bar terminal connection / minimum       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	width [in]	4.13 in
depth       83 mm         Connections       arrangement of electrical connectors / for main current circuit       Front connection         type of electrical connection / for main current circuit       nut keeper kit on both ends         type of connectable conductor cross-sections / for flat-bar       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar       25 x 8 mm         type of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	width	105 mm
Connections         arrangement of electrical connectors / for main current circuit       Front connection         type of electrical connection / for main current circuit       nut keeper kit on both ends         type of connectable conductor cross-sections / for flat-bar terminal connection / minimum       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	depth [in]	3.27 in
arrangement of electrical connectors / for main current circuit       Front connection         type of electrical connection / for main current circuit       nut keeper kit on both ends         type of connectable conductor cross-sections / for flat-bar terminal connection / minimum       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	depth	83 mm
type of electrical connection / for main current circuit       nut keeper kit on both ends         type of connectable conductor cross-sections / for flat-bar       13 x 1 mm         terminal connectable conductor cross-sections / for flat-bar       25 x 8 mm         terminal connection / maximum       25 x 8 mm         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	Connections	
type of connectable conductor cross-sections / for flat-bar       13 x 1 mm         type of connectable conductor cross-sections / for flat-bar       25 x 8 mm         type of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)       silver	arrangement of electrical connectors / for main current circuit	Front connection
terminal connection / minimum         type of connectable conductor cross-sections / for flat-bar         terminal connection / maximum         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)         Auxiliary circuit	type of electrical connection / for main current circuit	nut keeper kit on both ends
terminal connection / maximum         design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6)         Auxiliary circuit		13 x 1 mm
switch (N, 2, 4, 6) Auxiliary circuit	terminal connection / maximum	25 x 8 mm
	switch (N, 2, 4, 6)	silver
number of CO contacts / for auxiliary contacts 0	Auxiliary circuit	
	number of CO contacts / for auxiliary contacts	0

Accessories					
product extension / opt	ional / motor drive	Ye	S		
Environmental condition	ons				
protection class IP / on	the front	IP4	0		
ambient temperature					
<ul> <li>during operation</li> </ul>	/ minimum	-25	°C		
<ul> <li>during operation</li> </ul>	/ maximum	70	°C		
<ul> <li>during storage /</li> </ul>	minimum	-40	0°C		
<ul> <li>during storage /</li> </ul>	maximum	80	°C		
Certificates					
reference code / accor	ding to IEC 81346-2	Q			
General Product App	roval				
<u>Confirmation</u>		(UL) UL		<u>Miscellaneous</u>	EAC
EMC	Declaration of Confo	rmity	Marine / Shipping	other	
RCM	CE EG-Konf.	UK CA	ABS	<u>Miscellaneous</u>	<u>Confirmation</u>
https://press.siemens.c Siemens is working of Please contact your loo		e/siemens-wind-down-r rent EAC certificates.	AC certification if you inte	nd to import or offer to supp	ly these products to an

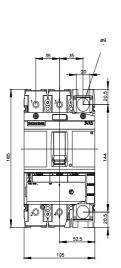
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3VA5290-6EC32-0AA0 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA5290-6EC32-0AA0

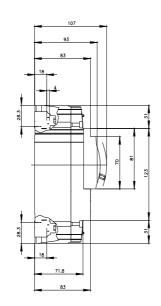
CAx-Online-Generator

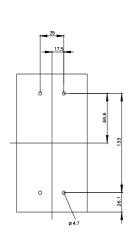
http://www.siemens.com/cax

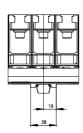
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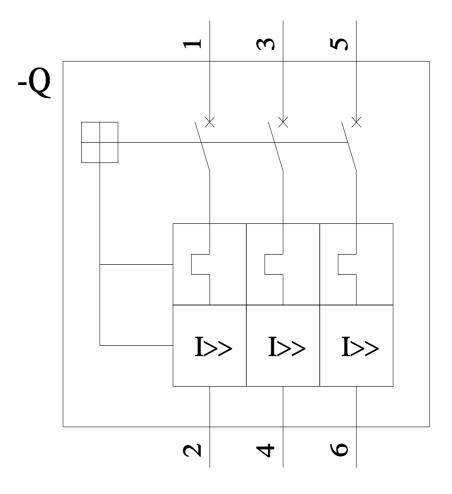
http://www.siemens.com/specifications

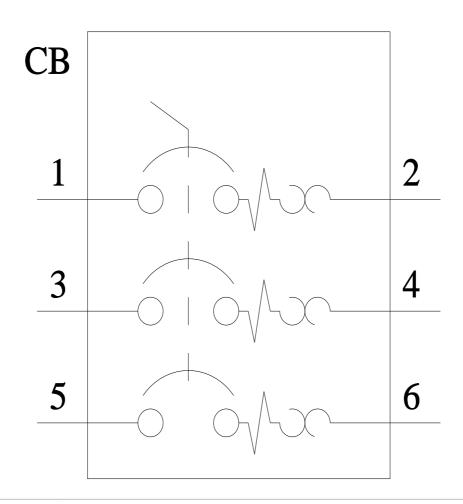












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