3VA1150-3EE42-0AA0

Data sheet



circuit breaker 3VA1 IEC frame 160 breaking capacity class N Icu=25kA @ 415V 4-pole, line protection TM220, ATFM, In=50A overload protection Ir=35A...50A short-circuit protection Ii=10 x In N conductor unprotected nut keeper kit

product brand name	SENTRON
product designation	Molded case circuit breaker
design of the product	Line protection
design of the overcurrent release	TM220
protection function of the overcurrent release	LI
number of poles	4
eneral technical data	
insulation voltage / rated value	800 V
operating voltage / at DC / rated value	600 V
operating voltage / at AC / rated value	690 V
power loss [W] / maximum	14.6 W
mechanical service life (operating cycles) / typical	20 000
electrical endurance (operating cycles) / at AC-1 / at 380/415 V	9 000
electrical endurance (operating cycles) / at AC-1 / at 690 V	6 300
product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof	No
ground-fault monitoring version	Without
product function	
• communication function	No
other measurement function	No
Net Weight	1.234 kg
urrent	
operational current	
• at 40 °C	50 A
• at 45 °C	50 A
• at 50 °C	50 A
• at 55 °C	49 A
• at 60 °C	48 A
• at 65 °C	46 A
• at 70 °C	45 A
witching capacity according to IEC 60947	
switching capacity class of the circuit breaker	N
maximum short-circuit current breaking capacity (Icu)	
• at 240 V	36 kA
• at 415 V	25 kA
• at 440 V	16 kA
● at 500 V	7 kA
• at 690 V	7 kA

### 240 V		
### ### ### ### #### #### ############	• at 240 V	36 kA
* e100 V * of 1000 V * of 1000 V * of 1400 V * of 1400 V * of 1400 V * of 140 V * of 150 V	• at 415 V	25 kA
## of 1890 V short-circuit current making capacity (fcm) * at 20 V * at 415 V \$2.5 kA * at 416 V \$3.2 kA * at 500 V 11.9 kA design of short-circuit protection For switching power values in DC networks, see the 3NA moleced case circuit breaker velocities manual; link to be found under Service & Support in the last crapter ## of 1890 V design of short-circuit protection ## of 1890 V design of short-circuit protection ## of 1990 P of 1-tripping / can be switched onloff ## of 1890 P of 1-tripping / can be switched onloff ## of 1890 P of	• at 440 V	16 kA
short-focult current making capacity (ten) 1 24 20 V 2 34 45 V 3 4 45 V 3 2 5 KA 3 2 14 N 3 1 40 V 3 1 19 KA 4 1 60 V 1 1 19 KA 4 1 9 KA 4 1 9 KA 5 1 9 KA 5 2 1	● at 500 V	5 kA
e at 240 V 52.5 kA 1415 V 52.5 kA 1415 V 52.5 kA 1415 V 52.5 kA 1410 V 11.9 kA 1500 V 11.9 kA 15	• at 690 V	5 kA
e at 415 V 32.5 kA 32 kA 400 V 11.9 kA	short-circuit current making capacity (Icm)	
e sit 440 V est 500 V est 500 V 11.9 kA est 500 V 11.9 kA 11.9	• at 240 V	75.6 kA
e at 890 V design of short-circuit protection For switching power values in DC networks, see the 3VA moded case circuit breaker device manual, link to be found under Service & Support in the least displor. Adjustable parameters product feature / for L-tripping / can be switched onloff adjustable response value setting current (tr) of the L-trip / with 2V charistication. **Charistication** **Charistication** **Charistication** **Amazimum* **Basimum* **Bas	• at 415 V	52.5 kA
esign of short-circult protection for switching power values in IOC networks, see the 3VA molded case circuit breaker device manual; link to be found under Service & Support in the lest chapter of the feature / for L-tripping / can be switched on/off adjustable response value setting current (tr) / of the L-trip / with t2 characteristic - minimum - maximum - maximum - maximum - maximum - 1 s - maximum - 1 s - minimum - 1 s - maximum - 1 s - minimum - 1 s - maximum - 1 s -	• at 440 V	32 kA
design of short circuit protection For switching power values in IDC networks, see the 3VA modded case circuit breaker device amunual; link to be found under Service & Support in the last chapter Adjustable parameters product feature / for L-tripping / can be switched on/off adjustable response value setting current (ii) / of the L-trip / with 2t characteristic - iminimum	● at 500 V	11.9 kA
breaker device manual, link to be found under Service & Support in the last chapter product feature? for L-tripping / can be switched on/off adjustable response value setting current (in) / of the L-trip / with 12t characteristic	• at 690 V	11.9 kA
product feature / for L-tripping / can be switched ontoif adjustable response value setting current (II) / of the L-trip / with 2 characteristic • minimum 50 A dijustable response value delay time (Ir) / for L-tripping / with 12 characteristic • minimum 1 s • maximum 1 s • maximum 500 A dijustable response value setting current (II) / for I-tripping / with 12 characteristic • minimum • maximum 500 A dijustable setting current (III) / for I-tripping • minimum 500 A dijustable setting current (III) / for N-tripping • minimum 0 A • maximum 0 A design of the N-conductor protection without product funcion / agrunding protection No Mochanical Design product component • undervoltage release • voltage trigger No • trip indicator height (In) 5.12 in height (In) 4 in width (In) width (In) 4 in width (In) width (In) #In)	design of short-circuit protection	breaker device manual; link to be found under Service & Support in the last
adjustable response value setting current (ir) / of the L-trip / with IZI characteristic maximum adjustable response value delay time (ir) / for L-tripping / with IZI characteristic minimum maximum maximum 1 s maximum 500 A minimum 500 A maximum 500 A maximum 0 A design of the N-conductor protection minimum 0 A design of the N-conductor protection product function / grounding protection No Mechanical Design product component undervoltage tridger village trigger village	Adjustable parameters	
Izi characteristic minimum 35 A 50 A	product feature / for L-tripping / can be switched on/off	No
minimum adjustable response value delay time (tr) / for L-tripping / with lat characteristic minimum maximum adjustable response value setting current (iii) / for L-tripping maximum adjustable response value setting current (iii) / for L-tripping maximum maximu		
e maximum adjustable response value delay time (tr) / for L-tripping / with I2t characteristic e minimum i maximum adjustable response value settling current (ii) / for I-tripping e minimum 500 A smaximum 500 A adjustable setting current (inN) / for N-tripping e minimum 0 A design of the N-conductor protection yeroduct function / grounding protection Michanical Design product function / grounding protection No Michanical Design product function / grounding protection without e undervortage release volage trigger No volage trigger it princicator No height [in] height 130 mm width 101.6 mm depth [in] depth 70 mm Connections arrangement of electrical connectors / for main current circuit ybye of electrical connection / for main current circuit ybye of electrical connection / for main current circuit ybye of electrical connection / for main current circuit ybye of electrical connection / for main current circuit ybye of connectable conductor cross-sections if for flat-bar terminal connection / minimum ybye of connectable conductor cross-sections if for flat-bar terminal connection / minimum ybye of connectable conductor cross-sections if for flat-bar terminal connection / minimum ybye of connectable conductor cross-sections if for flat-bar terminal connection / minimum ybye of connectable conductor cross-sections if for flat-bar terminal connection / minimum 17 x 6,5 mm mumber of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Erivtronmental confiditions product extension / optional / motor drive Erivtronmental confiditions product extension / optional / motor drive e during operation / minimum -25 °C		05.4
adjustable response value delay time (tr) / for L-tripping / with 12t characteristic entinitum 1 s emaximum 1 s 1 s 1 s 4 s 1 s 1 s 4 s 1 s 5 s 5 s 5 s 5 s 5 s 5 s 5 s 5 s 5		
characteristic minimum		50 A
e maximum adjustable response value setting current (iii) / for I-tripping e minimum 600 A 600 A 30lustable setting current (iiniv) / for N-tripping e minimum 0 A 600 A 40lustable setting current (iiniv) / for N-tripping e minimum 0 A 60 A	characteristic	
adjustable response value setting current (II) / for I-tripping		
minimum madjustable setting current (InN) / for N-tripping minimum madjustable setting current (InN) / for M-tripping minimum madjustable setting current (InN) / for minimum madjustable setting current (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of connectable conductor cross-sections / for flat-bar (InN) / for minimum mype of conn		1 \$
maximum adjustable setting current (InN) / for N-tripping minimum		F20.4
adjustable setting current (inN) / for N-tripping • minimum • maximum 0 A design of the N-conductor protection without product function / grounding protection No Mechanical Dosign product component • undervoltage release • voltage trigger • trip indicator No height [in] 5.12 in height [10] 5.12 in height [10] width [10] 4 in width [10] 4 in width [10] 2.76 in depth [70 mm Connections arrangement of electrical connectors / for main current circuit type of connectable conductor cross-sections / for flat-bar terminal connection / minimum bype of connectable conductor cross-sections / for flat-bar terminal connection / minimum bype of connectable conductor cross-sections / for flat-bar terminal connection / minimum desynch (7), 3, 5) design of the surface / of the connections / on the bottom of the switch (N. 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N. 1, 3, 5) product extension / optional / motor drive Pr		
• minimum • maximum 0 A • maximum 0 No Mechanical Dosign product function / grounding protection No Mechanical Dosign product component • undervoltage release • voltage trigger • trip indicator height [in] height 130 mm width [in] 4 in width 101.6 mm depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Yes Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum -25 °C		500 A
e maximum 0 A design of the N-conductor protection without product function / grounding protection No Mochanical Design product component • undervoltage release No • votage trigger No • trip indicator No height [in] 5.12 in height 130 mm width 101.6 mm depth [in] 4 in width 101.6 mm depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connectors / for main current circuit 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. 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N. 1, 3, 5) Auxiliary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Yes Environmental conditions protection class IP / on the front ambient members are found or maximum eduring operation / minimum Py40 Auxiliary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Yes Environmental conditions protection class IP / on the front ambient temperature eduring operation / minimum - 25 °C		
design of the N-conductor protection without product function / grounding protection No Mechanical Design product component • undervoltage release No • voltage trigger No • voltage trigger No height [in] 5.12 in height 130 mm width [in] 4 in width 101.6 mm depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connections / for main current circuit 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 / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts protection class IP / on the front more in temperature eduring operation / minimum Py40 during operation / minimum Py40 ambient temperature eduring operation / minimum Py40 during operation / minimum Py40 ambient temperature • during operation / minimum - 25 °C		
product function / grounding protection Mechanical Design product component • undervoltage release • voltage trigger • trip indicator height [in] height 130 mm width [in] width 101.6 mm depth [in] depth 70 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes Environmental conditions protection class IP / on the front minimum - 25 °C		
Product component		
product component • undervoltage release • voltage trigger • trip indicator No height [in] 5.12 in height width [in] 4 in width 101.6 mm depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit type of electrical connector / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Yes Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum -25 °C		NO
undervoltage release voltage frigger trip indicator No height [in] 5.12 in height 130 mm width [in] width 101.6 mm depth [in] depth 70 mm Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for ffiat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / minimum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Axxillary circuit number of CO contacts / for auxiliary contacts Provice menual conditions product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature of uning operation / minimum -25 °C		
voltage trigger v		No
• trip indicator No height [in] 5.12 in height 130 mm width [in] 4 in width 101.6 mm depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connectors / for main current circuit 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 type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor ross-sections / for flat-bar terminal connection / minimum type of connectable conductor ross-sections / for flat-bar terminal connection / minimum type of connectable conductor ross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxillary circuit number of CO contacts / for auxiliary contacts O Accessories product extension / optional / motor drive Yes Environmental conditions protection class IP / on the front IP40 ambient temperature • during operation / minimum -25 °C	-	
height [in] 5.12 in height 130 mm width [in] 4 in width 101.6 mm depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connectors / for main current circuit 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 type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Yes Environmental conditions protection class IP / on the front IP40 ambient temperature • during operation / minimum -25 °C		
height 130 mm width [in] 4 in width 101.6 mm depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connectors / for main current circuit 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 type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front IP40 ambient temperature • during operation / minimum -25 °C	·	
width [in] 4 in width 101.6 mm depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connectors / for main current circuit 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 type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts O Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front IP40 ambient temperature • during operation / minimum -25 °C		
width 101.6 mm depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connectors / for main current circuit 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 type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts DAccessories product extension / optional / motor drive Environmental conditions protection class IP / on the front IP40 ambient temperature • during operation / minimum -25 °C		
depth [in] 2.76 in depth 70 mm Connections arrangement of electrical connectors / for main current circuit 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 type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum 2.76 in 70 mm Front terminal nut keeper kit on both ends 12 x 1 mm 17 x 6,5 mm 17 x 6,5 mm 17 x 6,5 mm 17 in Silver Silver Silver In the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Accessories product extension / optional / motor drive Yes Environmental conditions Pl40 ambient temperature • during operation / minimum -25 °C		
depth 70 mm Connections arrangement of electrical connectors / for main current circuit from terminal nut keeper kit on both ends 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 type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum 70 mm Front terminal nut keeper kit on both ends 12 x 1 mm 17 x 6,5 mm Tin Silver Silver Silver Silver Silver Silver Silver Silver Silver Fini Had Page 14 12 12 12 12 12 12 12 12 12 12 12 12 12		
arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum Front terminal nut keeper kit on both ends 12 x 1 mm 17 x 6,5 mm Tin Tin Tin Wiley 17 x 6,5 mm Tin Silver Silver Vipe 18 yes 19 yes 10 yes 10 yes 11 yes 12 x 1 mm 17 x 6,5 mm Tin Silver Silver Tin Tin Pla0 Tin Pla0 Tin Tin Tin Tin Tin Tin Tin Ti		
arrangement of electrical connectors / for main current circuit 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 type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum Front terminal nut keeper kit on both ends 12 x 1 mm 17 x 6,5 mm Tin Silver Silver Silver Vipe Silver Silver Fin Pla0 Accessories Product extension / optional / motor drive Pes Environmental conditions Protection class IP / on the front ambient temperature • during operation / minimum -25 °C	·	/U IIIIII
type of electrical connection / for main current circuit type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts O Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum run keeper kit on both ends 12 x 1 mm 17 x 6,5 mm Tin Silver Silver Silver Vin Tin Pla0 Auxiliary circuit IP40 ambient temperature • during operation / minimum -25 °C		Fronthonorinal
type of connectable conductor cross-sections / for flat-bar terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum 12 x 1 mm 17 x 6,5 mm Tin Silver Silver Tin Tin Pla0 Auxiliary circuit Pla0 ambient temperature • during operation / minimum -25 °C		
terminal connection / minimum type of connectable conductor cross-sections / for flat-bar terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum 17 x 6,5 mm 17 x 6,5 mm 17 x 6,5 mm Tin Silver Silver Silver Via	•	
terminal connection / maximum design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum -25 °C	terminal connection / minimum	
switch (N, 1, 3, 5) design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum -25 °C	terminal connection / maximum	
switch (N, 2, 4, 6) Auxiliary circuit number of CO contacts / for auxiliary contacts 0 Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum -25 °C	switch (N, 1, 3, 5)	
number of CO contacts / for auxiliary contacts Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum -25 °C	switch (N, 2, 4, 6)	Tin
Accessories product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum -25 °C	Auxiliary circuit	
product extension / optional / motor drive Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum -25 °C	·	0
Environmental conditions protection class IP / on the front ambient temperature • during operation / minimum -25 °C		Voo
protection class IP / on the front ambient temperature • during operation / minimum -25 °C	· · · · · · · · · · · · · · · · · · ·	Yes
ambient temperature • during operation / minimum -25 °C		ID40
• during operation / minimum -25 °C	·	IP40
		05.00
• during operation / maximum /0 °C		
	during operation / maximum	10 °C

during storage / minimumduring storage / maximum

-40 °C 80 °C

ortificatos

reference code / according to IEC 81346-2

Q

General Product Approval

EMC



Confirmation



Miscellaneous





Declaration of Conformity

Test Certificates

Marine / Shipping





Special Test Certificate

Type Test Certificates/Test Report

Miscellaneous



Marine / Shipping

other







CCS / China Classification Society

Miscellaneous

Confirmation

other

Environment

Miscellaneous

Environmental Confirmations

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=3VA1150-3EE42-0AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA1150-3EE42-0AA0

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

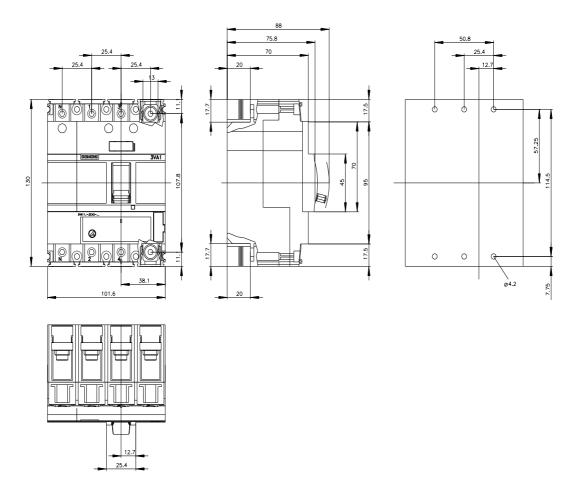
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA1150-3EE42-0AA0

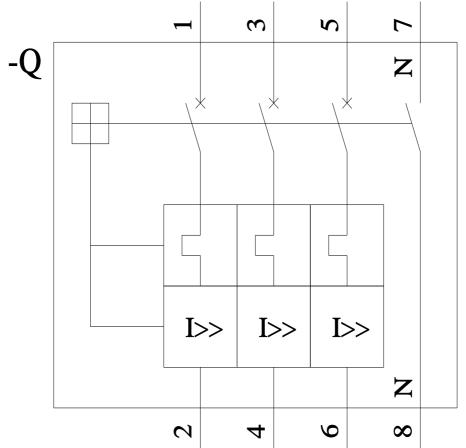
CAx-Online-Generator

http://www.siemens.com/cax

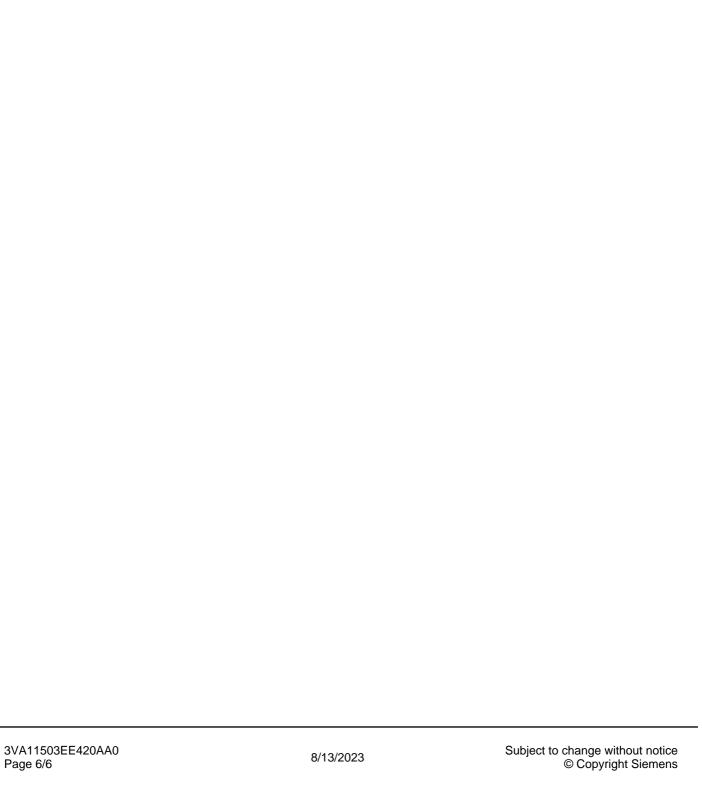
Tender specifications

http://www.siemens.com/specifications





last modified: 8/10/2023 🖸



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

3VA11503EE420AA0