## SIEMENS

## Data sheet

## 3VA2125-7MN32-0AA0



circuit breaker 3VA2 IEC frame 160 breaking capacity class C Icu=110kA @ 415V 3-pole, motor protection ETU350M, LSI, In=25A overload protection Ir=10A...25A short-circuit protection Isd=3...15 x Ir, Ii=15 x In nut keeper kit

Model				
product brand name	SENTRON			
product designation	Molded case circuit breaker			
design of the product	Motor protection			
design of the overcurrent release	ETU350M			
protection function of the overcurrent release	LSI			
number of poles	3			
General technical data				
insulation voltage / rated value	800 V			
operating voltage / at AC / rated value	690 V			
operating power / at AC-3 / at 400 V	11 000 W			
operating power / at AC-3 / at 230 V	5 500 W			
power loss [W] / maximum	0.6 W			
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	0.2 W			
mechanical service life (operating cycles) / typical	25 000			
electrical endurance (operating cycles) / at AC-1 / at 380/415 V	14 000			
electrical endurance (operating cycles) / at AC-1 / at 690 V	9 800			
electrical endurance (operating cycles) / at AC-3 / at 380/415 V	10 000			
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>phase failure detection</li> </ul>	Yes			
<ul> <li>other measurement function</li> </ul>	No			
Net Weight	2.176 kg			
Current				
operational current				
● at 40 °C	25 A			
● at 45 °C	25 A			
● at 50 °C	25 A			
● at 55 °C	25 A			
• at 60 °C	25 A			
• at 65 °C	25 A			
• at 70 °C	25 A			
Switching capacity according to IEC 60947				
switching capacity class of the circuit breaker	С			
maximum short-circuit current breaking capacity (Icu)				
• at 240 V	150 kA			
• at 415 V	110 kA			

product componentNo• undervoltage releaseNo• voltage triggerNo• trip indicatorNoheight [in]7.13 inheight181 mmwidth [in]4.13 inwidth105 mmdepth [in]3.39 indepth86 mm		
• e160V25 AAoperating social current breaking capacity (ites)-• at 240 V100 AA• at 440 V100 AA• at 450 V25 AA• at 450 V25 AA• at 450 V24 SA• at 450 V25 A• at 450 V26 A• at 450 V27 A• at 450 V	● at 440 V	110 kA
operating shot dicult current breaking capacity (ks) <ul> <li>at 415 V</li> <li>10 bA</li> <li>at 415 V</li> <li>10 bA</li> <li>at 415 V</li> <li>10 bA</li> <li>at 40 V</li> <li>25 KA</li> <li>26 ShA</li> <li>26 ShA</li> <li>27 ShA</li> <li>26 ShA</li> <li>26 ShA</li> <li>27 ShA</li> <li>26 ShA</li> <li>27 ShA</li> <li>28 ShA</li></ul>	• at 500 V	85 kA
• 240 V500 kA• 4415 V100 kA• at 440 V50 kA• at 440 V25 kA• at 60 V25 kA• at 60 V300 kA• at 415 V242 kA• at 40 V242 kA• at 50 V30 KA• at 40 V242 kA• at 50 V10 A• at 50 V10 A	• at 690 V	2.5 kA
• • • • • • • • • • • • • • • • • • •	operating short-circuit current breaking capacity (Ics)	
• • • • • • • • • • • • • • • • • • •	• at 240 V	150 kA
si 500 YSi Kasi 600 Y25si 600 Y30 KAsi 240 Y30 KAsi 141 Y24 KAsi 145 Y24 KAsi 146 V37 KAsi 180 V17 KAsi 180 V10 Aadjustatio response value setting current (in / of the L tin / value10adjustatio response value setting current (in / of the L tin / value10adjustatio response value setting current (in / of the L tin / value26adjustatio response value setting current (in / of the L tin / value26adjustatio response value setting current (in / of the L tin / value26adjustatio response value setting current (in / of the L tin / value26adjustatio response value setting current (in / of S-tin / value26adjustatio response value setting current (in / of S-tin / value26adjustatio response value setting current (in / of S-tin / value26adjustatio response value setting current (in / of S-tin / value375 Aadjustatio response value setting current (in / of S-tin / value375 Aadjustatio response value setting current (in / of S-tin / value375 Aadjustatio response value setting current (in / of L thi (part)375 Aadjustatio response value setting current (in / of L thi (part)375 Aadjustatio response value setting current (in / of L thi (part)36adjustatio response value setting current (in / of L thi (part)36adjustatio response value setting current (in / of L thi (part)36adjustatio response value setting current (in / of L thi (p	• at 415 V	110 kA
si 500 YSi Kasi 600 Y25si 600 Y30 KAsi 240 Y30 KAsi 141 Y24 KAsi 145 Y24 KAsi 146 V37 KAsi 180 V17 KAsi 180 V10 Aadjustatio response value setting current (in / of the L tin / value10adjustatio response value setting current (in / of the L tin / value10adjustatio response value setting current (in / of the L tin / value26adjustatio response value setting current (in / of the L tin / value26adjustatio response value setting current (in / of the L tin / value26adjustatio response value setting current (in / of the L tin / value26adjustatio response value setting current (in / of S-tin / value26adjustatio response value setting current (in / of S-tin / value26adjustatio response value setting current (in / of S-tin / value26adjustatio response value setting current (in / of S-tin / value375 Aadjustatio response value setting current (in / of S-tin / value375 Aadjustatio response value setting current (in / of S-tin / value375 Aadjustatio response value setting current (in / of L thi (part)375 Aadjustatio response value setting current (in / of L thi (part)375 Aadjustatio response value setting current (in / of L thi (part)36adjustatio response value setting current (in / of L thi (part)36adjustatio response value setting current (in / of L thi (part)36adjustatio response value setting current (in / of L thi (p	• at 440 V	110 kA
•••••••••••••••••••••••••••••••••••		
short-curd current making capacity (lom)and back•••••••••••••••••••••••••••••••••••		
• 1240 V330 kA• alt415 V242 kA• alt415 V242 kA• alt40 V242 kA• alt60 V37 KAAljustable parametersNo• alt60 V10 A• alt60 V0 A• alt60 V10 A• alt60 V25 A• alt60 V10 A• alt60 V25 A• alt60 V10 A• alt60 V25 A• alt60 V10 A• alt60 V10 A• alt60 V10 A• alt60 V10 A• alt60 V17 A• alt70 V </td <td></td> <td>2.0 M</td>		2.0 M
• al 415 V242 kA• al 440 V242 kA• al 440 V242 kA• al 600 V37 kA• al 600 V37 kA• al 600 VNo• al 600 V0• al 600 V0		220 //
• al 440 V242 kA• al 500 V37 KAAdjustable parametersNAdjustable parametersN• adjustable parameters10 A• adjustable response value setting current (in/ i of the Litp / with I/C10 A• ininimum10 A• adjustable response value setting current (id) / i of Litp / with I/C4• ininimum4• ininimum4• ininimum375 A• ininimum0.03 s• ininimum0.33 s• ininimum0.33 s• ininimum0.33 s• ininimum375 A• ininimum0.33 s• ininimum375 A• ininimum0.4• ininimum0.4• ininimum0.33 s• ininimum0.4• ininimum375 A• ininimum0.4• ininimum1.5• ininimum0.4• ininimum0.4• ininimum1.6• inini		
• at 500 V187 kA 37 kA21 state37 kA21 state10 A21 state10 A22 state23 Aadjustate response value setting current (h) of the Luip / with the innimum10 A23 state23 Aadjustate response value setting current (h) of the Luip / with the innimum10 A23 state23 Aadjustate response value setting current (lsd) / of S-trip / with the characteristic75 A0 state37 SAadjustate response value setting current (lsd) / of S-trip / with the characteristic37 SAadjustate response value setting current (lsd) / of S-trip / with the characteristic37 SAadjustate response value setting current (lsd) / for S-trip / with the characteristic37 SAadjustate response value setting current (lsd) / for S-trip / with the characteristic37 SAadjustate response value setting current (lsd) / for S-trip / with the characteristic37 SAadjustate lesponse value setting current (lsd) / for N-trip ping / with state37 SAadjustate lesponse value setting current (lsd) / for N-trip ping / with state37 SAadjustate lesponse value setting current (lsd) / for N-trip ping / with state37 SAadjustate lesponse value setting current (lsd) / for S-trip ping / with state37 SAadjustate lesponse value setting current (lsd) / for N-trip ping / with state37 SAadjustate lesponse value setting current (lsd) / for N-trip ping / with state36 Aindimum0 A10 Aindinform0 A <tr< td=""><td></td><td></td></tr<>		
• e1690 V37 KAAdjustable paparesNoadjustable response value setting current ((r) / of the L-tirp / with 2 characteristic10 Aadjustable response value delay time (r/ / for L-tripping / with (2) characteristic26 Aadjustable response value delay time (r/ / for L-tripping / with (2) characteristic4 sinimum4 sinimum4 sinimum75 Ainimum75 Ainimum0.03 sadjustable response value delay time (ts/) / of S-trip / with (t) characteristic75 Ainimum0.03 sadjustable response value setting current (lig/ / of S-trip / with (t) characteristic75 Ainimum0.03 sadjustable response value setting current (lig/ / of S-trip / with (t) characteristic75 Ainimum0.03 sadjustable response value setting current (lig/ / of S-trip / with (t) characteristic75 Ainimum375 Aadjustable response value setting current (lig/ / of I-trip / with adjustable response value setting current (lig/ / of I-trip / with adjustable response value setting current (lig/ / of I-trip / with adjustable tip class (Tc CLASS)inimimum0.03 sadjustable response value setting current (lig/ / of I-trip / with adjustable tip class (Tc CLASS)inimimum0.04inimimum10 Aindicatione response value setting current (lig/ / of L-trip / with adjustable tip class (Tc CLASS)inimimum10 Ainimimum10 Ainimimum10 Ainimimum10 Ainimi		
Adjustable parameters         No           product feature / for L-tripping / can be switched on/off         No           adjustable response value setting current (i/) / of the L-trip / with 12t         10 A           innimum         10 A           adjustable response value setting current (i/) / for L-tripping / with 12t         -           innimum         10 A           adjustable response value setting current (i/s/ / of S-trip / with 12t         -           innimum         75 A           adjustable response value delay time (tri / for L-tripping / with 12t         -           innimum         75 A           adjustable response value delay time (tri / for S-tripp ing / with 10t         -           innimum         0.03 s           adjustable response value delay time (tsi) / for S-tripping / with 10t         -           innimum         0.03 s           adjustable response value setting current (ii/ / for I-tripping / with 10t characteristic         -           innimum         0.03 s           adjustable response value setting current (iii / for I-tripping / and 375 A           adjustable response value delay time (tsi / for I-tripping / and 375 A           adjustable response value setting current (iii / for I-tripping / and 375 A           adjustable response value setting current (iii / for I-tripping / and A           innimum		
product feature / for L-tripping / can be switched on/off         No           adjustable response value setting current ((h) / of the L-trip / with Lit characteristic         10 A           • nanimum         25 A           adjustable response value delay time ((r) / for L-tripping / with Lit e-triancteristic         17 s           • nazimum         25 A           • nazimum         75 A           • nazimum         375 A           • natimum         0.03 s           • ninimum         0.04 s           • ninimum         0.03 s           • ninimum         0.4           • nazimum         375 A           • nazimum         375 A           • nazimum         10 A           • nazimum         0 A           • nazimum         10 A<		3.7 kA
signature icharacteristic maximum10 A 25 Aadjustable response value setting current (i/r) / of L-tripping / with 12 characteristic4 s- minimum4 s- maximum7 sadjustable response value setting current (isd) / of S-trip / with tif characteristic4 s- minimum75 A- minimum375 A- minimum0.03 s- maximum0.03 s- minimum0.03 s- minimum375 A- minimum0.03 s- minimum0.03 s- minimum0.03 s- minimum0.04 C- minimum10 S- minimum10	Adjustable parameters	
izi characteristicIAinitimumIAadjustabile response value delay time (tr) / for L-tripping / with Iziinitimum4 sadjustabile response value delay time (tr) / for L-tripping / with Iziinitimum4 sadjustabile response value setting current (lsd) / of S-trip / withtot characteristicinitimum75 Aadjustabile response value delay time (tsd) / of S-trip / withtot characteristicinitimum0.03 sadjustabile response value delay time (tsd) / for S-tripping / withinitimum0.03 sinitimum0.03 sadjustabile response value setting current (li) / for I-trippinginitimum375 Aadjustabile response value setting current (li) / for I-trippinginitimum0.03 sadjustabile response value setting current (link) / for N-trippinginitimum0 Aadjustabile trip class (To CLASS)initimum0 Aadjustabile trip class (To CLASS)initimum16A 10E, 20Einitimum17 aindicotorNoinitimum17 aindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicotorNoindicoto	product feature / for L-tripping / can be switched on/off	No
naximum26 Åadjustable response value delay time (tr) / for L-tripping / truth inimium4inimium4inimium7adjustable response value setting current (tsd) / of S-trip / truth in riamium75Ainimium75Ainimium038adjustable response value delay time (tsd) / of S-trip / truth in riamium038inimium038inimium038inimium038inimium37Ainimium37Ainimium37Ainimium038inimium37Ainimium37Ainimium37Ainimium37Ainimium37Ainimium37Ainimium37Ainimium37Ainimium04inimium37Ainimium104ininimi		
adjustable response value delay time (tr) / for L-tripping / with l2t characteristic initinum maximum adjustable response value setting current (lsd) / of S-trip / with lot characteristic initinum maximum maximum maximum initinum initinum maximum maximum maximum maximum initinum initinum maximum max	• minimum	10 A
adjustable response value delay time (tr) / for L-tripping / with l2t characteristic intinium inaxinum adjustable response value setting current (tsd) / of S-trip / with lot characteristic intinium inaxinum adjustable response value delay time (tsd) / for S-tripping / with lot characteristic intinium inaxinum adjustable response value delay time (tsd) / for S-tripping / with lot characteristic intinium intium intinium intinium intinium	• maximum	25 A
• minimum4 s• maximum7 s• maximum7 s• adjustable response value setting current (tsd) / of S-trip / utsd7 s• minimum7 s• minimum37 s• minimum0.03 s• minimum0.03 s• minimum37 s• minimum37 s• minimum37 s• minimum37 s• minimum37 s• minimum37 s• minimum0.03 s• minimum37 s• minimum0 A• minimum10 A• minimum10 A• minimum10 A• minimum4 s• minimum10 A• minimum4 s• minimum17 s• minimum17 s• minimum17 s• minimum18 m• nudervoltage releaseNo• voltage frigger10 m• voltage frigger10 m• hight find4.13 m• voltage frigger39 in• tottger39 in• depth39 in• depth39 in• depth find econector / formain current circle10 s• ope econectable conductor cross-sections / forf lat-to10 s• pore detectina	adjustable response value delay time (tr) / for L-tripping / with I2t	
• maximum17 sadjustable response value setting current (tsd/) / of S-trip / vith ti th characteristic75 A• maximum75 A• maximum375 A• adjustable response value delay time (tsd/) / for S-tripping / vith tot characteristic0.03 s• maximum0.03 s• maximum0.03 s• maximum0.03 s• maximum0.03 s• maximum375 A• maximum375 A• maximum0.4• maximum4 s• maximum4 s• maximum4 s• maximum4 s• maximum0.4• maximum100 constructere• maximum4 s• maximum4 s• maximum100 constructere• maximum100 constructere• endervollage releaseNo• voltage triggerNo• voltage trigger100 constructere• voltage trigger101 constructere• trig indicator105 rm• height [n]4.31 in• depth [n]3.03 in• depth [n]3.03 in• depth [n]6.00 shidsen ut keeper kit• type of electrical connector / for main curren	• minimum	4 s
adjustable response value setting current (Isd) / of S-trip / with 10t characteristic • mainnum adjustable response value delay time (Isd) / for S-tripping / with 10t characteristic • minimum • maximum adjustable response value setting current (II) / for I-tripping • minimum • maximum adjustable response value setting current (II) / for I-tripping • minimum • maximum adjustable setting current (IN) / for N-tripping • minimum • maximum adjustable trip class (Tc CLASS) 10A, 10E, 20E tripping time (Tp) / with adjustable trip class (Tc CLASS) • minimum • maximum • maximum • maximum • maximum • maximum • maximum • undervoltage release • voltage trigger • voltage trigger • voltage trigger • trip indicator • trip inditor • trip inditor • trip indicat		
• maximum375 Åadjustable response value delay time (tsd) / for S-tripping / with 000 s0.003 s• minimum0.003 sadjustable response value setting current (li) / for I-tripping • minimum375 Å• maximum375 Å• maximum375 Å• maximum375 Å• maximum0 Å• maximum10 Å• maximum10 Å• maximum10 Å• maximum10 Å• maximum10 Å• maximum10 Å• maximum17 s• maximum17 s• voltage releaseNo• voltage triggerNo• voltage triggerNo• voltage trigger181 mm• night [n]7.13 in Å• height [n]105 mm• deth105 dides nut keeper kit• type of c	adjustable response value setting current (Isd) / of S-trip / with	
• maximum375 Åadjustable response value delay time (tsd) / for S-tripping / with 000 s0.003 s• minimum0.003 sadjustable response value setting current (li) / for I-tripping • minimum375 Å• maximum375 Å• maximum375 Å• maximum375 Å• maximum0 Å• maximum10 Å• maximum10 Å• maximum10 Å• maximum10 Å• maximum10 Å• maximum10 Å• maximum17 s• maximum17 s• voltage releaseNo• voltage triggerNo• voltage triggerNo• voltage trigger181 mm• night [n]7.13 in Å• height [n]105 mm• deth105 dides nut keeper kit• type of c	• minimum	75 A
adjustable response value delay time (tsd) / for S-tripping / with 10t characteristic minimum maximum adjustable response value setting current (li) / for I-tripping minimum min		
IDE characteristic     0.03 s       • minimum     0.03 s       adjustable response value setting current (it) / for I-tripping     375 A       • maximum     375 A       adjustable tring current (inN) / for N-tripping     0 A       • minimum     0 A       • maximum     0 A       • product function / grounding protection     No       adjustable trip class (Tc CLASS)     10A, 10E, 20E       tripping time (Tp) / with adjustable trip class (Tc CLASS)     4 s       • minimum     4 s       • maximum     7 s       Mechanical Design     Voltage release       • voltage trigger     No       • voltage trigger     No       • height [n]     7.13 in       height [n]     3.93 in       • depth     86 mm       Connections     45 mm       Connection / for main current circuit     on both sides nut keeper kit       type of connectable conductor cross-sections / for flat-bar     13 x 1 mm		
• maximum0.03 sadjustable response value setting current (ii) / for l-tripping75 A• maximum375 Aadjustable setting current (inN) / for N-tripping0 A• maximum0 A• maximum0 A• maximum0 A• maximum0 A• product function / grounding protectionNoadjustable trip class (Tc CLASS)10A, 10E, 20Etripping time (Tp) / with adjustable trip class (Tc CLASS)4 s• maximum4 s• maximum17 s• maximum17 sMochanical DesignNo• undervoltage releaseNo• voltage triggerNo• trip indicatorNoheight181 mmwidth055 mmdepth [in]3.39 indepth [in]3.39 intrip cleatical connectors / for main current circuitFront terminaltype of connectable conductor cross-sections / for flat-bar terminal connection / for main current circuitFront terminaltype of connectable conductor cross-sections / for flat-bar terminal connectable conductor cross-sections / for flat-bar terminal connectable conductor cross-sections / for flat-bar terminal connectable conductor cross-sections / for flat-bar terminalSt X B mm	l0t characteristic	
adjustable response value setting current (lii / for I-tripping       375 A         • maximum       375 A         adjustable setting current (lnN) / for N-tripping       -         • minimum       0 A         • maximum       0 A         • dijustable trip class (Tc CLASS)       100A, 10E, 20E         tripping time (Tp) / with adjustable trip class (Tc CLASS)       •         • maximum       4 s         • maximum       17 s         Mechanical Design       -         • undervoltage release       No         • voltage trigger       No         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         height [in]       7.13 in         height [in]       3.39 in         depth [in]       3.39 in         depth (in]       3.39 in         depth (in]       5.39 in         depth (in]       otosh sides nut keeper kit         type of connectable conductor cross-sections / for flat-bar terminal       13 x 1 mm <td></td> <td></td>		
• minimum     375 A       • maximum     375 A       adjustable setting current (InN) / for N-tripping		0.03 s
• maximum375 Åadjustable setting current (InN) / for N-tripping0 Å• minimum0 Å• maximum0 Åproduct function / grounding protectionNoadjustable trip class (Tc CLASS)10A, 10E, 20Etripping time (Tp) / with adjustable trip class (Tc CLASS)*• minimum4 s• maximum7 s• maximum7 sProduct component*• undervoltage releaseNo• voltage triggerNo• trip indicatorNoheight [in]7.13 inheight [in]105 mmvidth [in]3.39 indepth [in]3.39 indepth [in]3.39 indepth [in]5 min admentation		
adjustable setting current (tnN) / for N-tripping         0 A           • maximum         0 A           product function / grounding protection         No           adjustable trip class (Tc CLASS)         10A, 10E, 20E           tripping time (Tp) / with adjustable trip class (Tc CLASS)         • naximum           • ninimum         4 s           • maximum         17 s           Machanical Design         • no           product component         • no           • undervoltage release         No           • voltage trigger         No           • light [in]         7.13 in           height [in]         4.13 in           width [in]         4.33 in           width [in]         3.93 in           depth [in]         6.66 mm           Connections         • for therminal           type of clectrical connectors / for main current circuit         Front terminal           type of connectable conductor cross-sections / for flat-bar         13 x 1 mm		
• minimum0 A• maximum0 Aproduct function / grounding protectionNoadjustable trip class (Tc CLASS)100, 10E, 20Etripping time (Tp) / with adjustable trip class (Tc CLASS)4 s• minimum4 s• maximum17 sMachanical Design		375 A
• maximum0 Aproduct function / grounding protectionNoadjustable trip class (Tc CLASS)10A, 10E, 20Etripping time (Tp) / with adjustable trip class (Tc CLASS)4 s• minimum4 s• maximum17 s <b>Mechanical Design</b>	adjustable setting current (InN) / for N-tripping	
product function / grounding protection         No           adjustable trip class (Tc CLASS)         10A, 10E, 20E           tripping time (Tp) / with adjustable trip class (Tc CLASS)         4 s           • minimum         4 s           • maximum         17 s           Mechanical Design            product component         No           • undervoltage release         No           • voltage trigger         No           • trip indicator         No           height [in]         7.13 in           height [in]         4.13 in           width         105 mm           depth [in]         3.39 in           depth [in]         3.39 in           depth         86 mm           Connections         Front terminal           type of electrical connector / for main current circuit         Front terminal           type of connectable conductor cross-sections / for flat-bar         13 x 1 mm	● minimum	0 A
adjustable trip class (Tc CLASS)       10A, 10E, 20E         tripping time (Tp) / with adjustable trip class (Tc CLASS)       4 s         • minimum       4 s         • maximum       17 s         Mechanical Design	maximum	0 A
tripping time (Tp) / with adjustable trip class (Tc CLASS)         • minimum       4 s         • maximum       17 s         Mechanical Design          product component       No         • undervoltage release       No         • trip indicator       No         height [in]       7.13 in         height [in]       4.13 in         width [in]       4.13 in         width       105 mm         depth [in]       3.39 in         depth [in]       6 mm         Connections       Front terminal         type of electrical connectors / for main current circuit       Front terminal         type of connectable conductor cross-sections / for flat-bar       13 x 1 mm	product function / grounding protection	No
<ul> <li>minimum</li> <li>maximum</li> <li>T s</li> <li>Mechanical Design</li> <li>product component</li> <li>undervoltage release</li> <li>voltage trigger</li> <li>trip indicator</li> <li>height [in]</li> <li>f.13 in</li> <li>height</li> <li>i81 mm</li> <li>width [in]</li> <li>depth</li> <li>depth</li> <li>depth</li> <li>arrangement of electrical connectors / for main current circuit</li> <li>type of electrical connectors / for flat-bar</li> <li>type of connectable conductor cross-sections / for flat-bar</li> <li>type of connectable conductor cross-sections / for flat-bar</li> </ul>	adjustable trip class (Tc CLASS)	10A, 10E, 20E
• maximum       17 s         Mechanical Design       Forduct component         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         height [in]       7.13 in         height [in]       81 mm         width [in]       4.13 in         width [in]       3.39 in         depth       66 mm         Connections       Front terminal         type of electrical connectors / for main current circuit       Front terminal         type of connectable conductor cross-sections / for flat-bar       13 x 1 mm	tripping time (Tp) / with adjustable trip class (Tc CLASS)	
Mechanical Design         product component         • undervoltage release         • voltage trigger         • voltage trigger         • trip indicator         height [in]         height         181 mm         width [in]         4.13 in         width         depth         depth         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	• minimum	4 s
product component       No         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         height [in]       7.13 in         height       181 mm         width [in]       4.13 in         width [in]       3.39 in         depth [in]       3.39 in         depth       86 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       Front terminal         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	• maximum	17 s
product component       No         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         height [in]       7.13 in         height       181 mm         width [in]       4.13 in         width [in]       3.39 in         depth [in]       3.39 in         depth       86 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       Front terminal         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	Mechanical Design	
• undervoltage releaseNo• voltage triggerNo• trip indicatorNoheight [in]7.13 inheight [in]181 mmwidth [in]4.13 inwidth [in]105 mmdepth [in]3.39 indepth86 mmConnectionsFront terminaltype of electrical connectors / for main current circuitFront terminaltype of connectable conductor cross-sections / for flat-bar13 x 1 mmtype of connectable conductor cross-sections / for flat-bar25 x 8 mm		
• voltage triggerNo• trip indicatorNoheight [in]7.13 inheight181 mmwidth [in]4.13 inwidth105 mmdepth [in]3.39 indepth86 mmConnectionsarrangement of electrical connectors / for main current circuitFront terminaltype of connectable conductor cross-sections / for flat-bar terminal connection / minimum13 x 1 mmtype of connectable conductor cross-sections / for flat-bar terminal connectable conductor cross-sections / for flat-bar25 x 8 mm		No
• trip indicatorNoheight [in]7.13 inheight181 mmwidth [in]4.13 inwidth105 mmdepth [in]3.39 indepth86 mmConnectionsFront terminalarrangement of electrical connectors / for main current circuitFront terminaltype of connectable conductor cross-sections / for flat-bar13 x 1 mmtype of connectable conductor cross-sections / for flat-bar25 x 8 mm	-	
height [in]7.13 inheight181 mmwidth [in]4.13 inwidth105 mmdepth [in]3.39 indepth86 mmConnectionsarrangement of electrical connectors / for main current circuittype of electrical connectors / for main current circuitFront terminaltype of connectable conductor cross-sections / for flat-bar13 x 1 mmtype of connectable conductor cross-sections / for flat-bar25 x 8 mm		
height       181 mm         width [in]       4.13 in         width       105 mm         depth [in]       3.39 in         depth       86 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       Front terminal         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 connectable conductor cross-sections / for flat-bar       25 x 8 mm		
width [in]       4.13 in         width       105 mm         depth [in]       3.39 in         depth       86 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       Front terminal         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       25 x 8 mm		
width       105 mm         depth [in]       3.39 in         depth       86 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       Front terminal         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       25 x 8 mm	· · · · · · · · · · · · · · · · · · ·	
depth [in]       3.39 in         depth       86 mm         Connections       arrangement of electrical connectors / for main current circuit         arrangement of electrical connection / for main current circuit       Front terminal         type of electrical connection / for main current circuit       on both sides nut keeper kit         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       25 x 8 mm		
depth       86 mm         Connections       arrangement of electrical connectors / for main current circuit         arrangement of electrical connectors / for main current circuit       Front terminal         type of electrical connection / for main current circuit       on both sides nut keeper kit         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       25 x 8 mm		
Connections         arrangement of electrical connectors / for main current circuit       Front terminal         type of electrical connection / for main current circuit       on both sides nut keeper kit         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       25 x 8 mm		
arrangement of electrical connectors / for main current circuit       Front terminal         type of electrical connection / for main current circuit       on both sides nut keeper kit         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       25 x 8 mm		86 mm
type of electrical connection / for main current circuit       on both sides nut keeper kit         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       25 x 8 mm	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	arrangement of electrical connectors / for main current circuit	Front terminal
terminal connection / minimum type of connectable conductor cross-sections / for flat-bar 25 x 8 mm	type of electrical connection / for main current circuit	on both sides nut keeper kit
		13 x 1 mm
		25 x 8 mm

docian of the surface / a	of the connections / on the	a tap of the	tin			
design of the surface / of the connections / on the top of the switch (N, 1, 3, 5)		un				
design of the surface / of the connections / on the bottom of the switch $(N, 2, 4, 6)$		tin				
Auxiliary circuit						
number of CO contacts	/ for auxiliary contacts		0			
Accessories						
product extension / optic	onal / motor drive		Yes			
Environmental condition	ns					
protection class IP / on	the front		IP40			
ambient temperature						
<ul> <li>during operation</li> </ul>	/ minimum		-25 °C			
<ul> <li>during operation</li> </ul>	/ maximum		70 °C			
<ul> <li>during storage / n</li> </ul>	ninimum		-40 °C			
<ul> <li>during storage / n</li> </ul>	naximum		80 °C			
Certificates						
reference code / accord	ing to IEC 81346-2		Q			
General Product Appr	oval					EMC
<u>Confirmation</u>		VDE	•	<u>Miscellaneous</u>	EAC	RCM
Declaration of Confor	mity	Test Certificate	es		Marine / Shipping	
CE EG-Konf.	UK CA	<u>Special Test Ce</u> ate	ertific-	<u>Miscellaneous</u>	BUREAU VERITAS	
Marine / Shipping	other				Dangerous Good	Environment
<u>CCS / China Classific-</u> ation Society	Miscellaneous	<u>Confirmatio</u>	'n	<u>Miscellaneous</u>	Transport Information	Environmental Con- firmations

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=3VA2125-7MN32-0AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA2125-7MN32-0AA0

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA2125-7MN32-0AA0

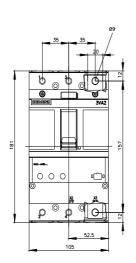
CAx-Online-Generator

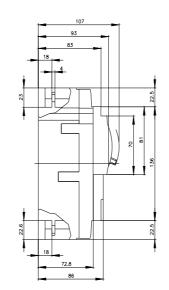
http://www.siemens.com/cax

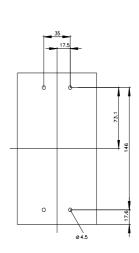
Tender specifications

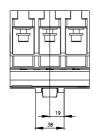
http://www.siemens.com/specifications

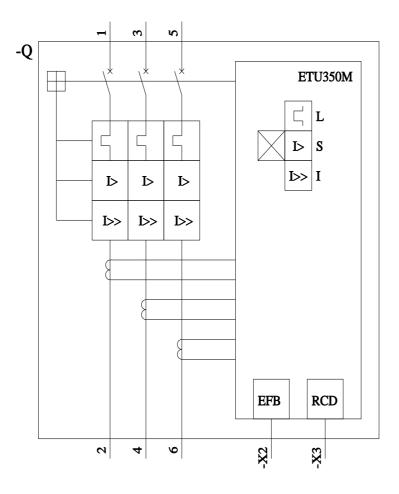
Subject to change without notice © Copyright Siemens











7/19/2022 🖸

## **Mouser Electronics**

Authorized Distributor

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

Siemens: 3VA21257MN320AA0