## SIEMENS

## Data sheet

## 3VA6225-5KM41-0AA0

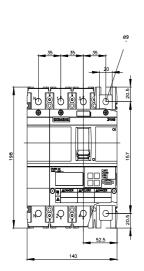


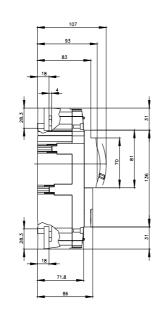
circuit breaker 3VA6 UL frame 250 breaking capacity class M 35kA @ 480V 4-pole, line protection ETU830, LIG, In=250A overload protection Ir=100A...250A short-circuit protection Ii=1.5...10 x In ground-fault protection Ig=0.2...1 x In, tg=0.05-0.8s without connection

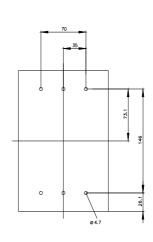
Model	
product brand name	SENTRON
product designation	Molded-case circuit breaker
product designation / according to UL file	MFAE
design of the product	System protection
design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type)	Yes
design of the overcurrent release	ETU830
protection function of the overcurrent release	LIG
number of poles	4
General technical data	
insulation voltage / rated value	800 V
operating voltage / at AC / rated value	690 V
power loss [W] / maximum	42 W
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	14 W
mechanical service life (operating cycles) / typical	25 000
electrical endurance (operating cycles) / at AC-1 / at 380/415 V	12 000
electrical endurance (operating cycles) / at AC-1 / at 690 V	8 400
electrical endurance (operating cycles) / at 480 V	12 000
electrical endurance (operating cycles) / at 600 V	8 400
product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof	No
ground-fault monitoring version	Summation current formation L + N-conductor
product function	
<ul> <li>communication function</li> </ul>	Yes
<ul> <li>other measurement function</li> </ul>	Yes
Net Weight	3.2 kg
Current	
marking / according to UL 489 / 100%-rated breaker	No
operational current	
● at 40 °C	250 A
● at 45 °C	250 A
● at 50 °C	250 A
● at 55 °C	238 A
• at 60 °C	225 A
● at 65 °C	213 A
• at 70 °C	200 A
Switching capacity according to IEC 60947	
switching capacity class of the circuit breaker	Μ
maximum short-circuit current breaking capacity (Icu)	

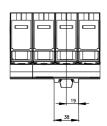
••••••••••••••••••••••••••••••••••••		
• • # 200 Y3 kAoperating short-book current breaking capacity (ics)85 kA• • • # 240 Y85 kA• • • • # 240 Y3 kA• • • • # 240 Y107 kA• • • • • # 240 Y127 kA• • • • • # 240 Y127 kA• • • • • • # 240 Y127 kA• • • • • • • • • • • • • • • • • • •	• at 240 V	85 kA
operating short-fund current breaking capacity (ics)         85 kA           ••••••••••••••••••••••••••••••••••••		
a di Alo V     Ba ba       a di Alo V     127 bA       a di Alo V     100 A       a di Alo Alo Calo V     100 A       a di Alo		3 KA
e 41 S V55 VAshort - crout current making capacity (icm)5 KAe 10 S V10 VA• 11 4 S V121 VA• 11 4 S V100 VA• 11 5 VA100 VA• 11 5 VA <td></td> <td></td>		
• #1 #00 V3 k/Ashort-circuit current making capacity (icm)137 k A• #1 20 V137 k A• #1 415 V121 k A• #1 415 V121 k A• #1 416 V100 k A• #1 40 V <t< td=""><td></td><td></td></t<>		
sheat-could current making capacity (lem)         137 KA           • at 240 V         137 KA           • at 460 V         45 KA           • at 460 V         45 KA           • at 460 V         100 KA           • at 600 V/47 V         15 KA           • at 600 V/47 V         16 KA           • at 600 V         100 A		
a137 VAa ta 240 V127 VAa ta 15 V121 VAa ta 15 V121 VAa ta 240 V4 5 VA2 30 VA100 VAa ta 240 V100 VAa ta 240 V250 Aa ta 240 V250 Aa ta 240 V250 Aa ta 250 VA100 VAa ta 250 VA100 VAa ta 250 VA250 Aa ta 250 VA100 VAa ta 250 V		3 KA
4.415 V121 kAa.15 400 V4.5 kASwitching capacity according to UL-48900 kA- alt 240 V30 kA- alt 240 V18 kA- alt 240 Parameters20 A- alt 240 Parameters00 A- alt 240 Parameters100 A- alt 240 Parameters100 A- alt 240 Parameters20 A- alt 240 Parameters20 A- alt 240 Parameters100 A- alt 240 Parameters20 A- alt 240 Par		
4.5 kASwitching capacity caccording to UL 499• at 240 V• at 240 V• at 240 V• at 800 V/S47 V• at 800 V• at 800 V/S47 V/S4		
Switching capacity according to UL 449         00 kA           current breaking capacity         00 kA           et 480 V         35 kA           et 480 V/stA V         18 kA           et 800 V/stA V         18 kA           adjustable parameters         adjustable response value setting current (I/) / for L-tripping / with I2           characteristic         00 A           enaminum         100 A           enaminum         05 s           enaminum         13 a           adjustable response value delay time (tr) / for L-tripping / with I2         5 s           chranatinum         13 a           enaminum         250 A           enaminum         250 A           enaminum         3 a           adjustable response value delay time (tr) / for L-tripping / with         50 A           enaminum         250 A           enaminum         05 s           enaminum         08 s           adjustable response value delay time (tg) / for G-tripping / with         08 s           adjustable response value delay time (tg) / for G-tripping / with         0		
current treaking capacity     00 kA       • at 240 V     35 kA       • at 800 V     35 kA       • at 800 V     18 kA       • at 800 V     18 kA       Adjustable progress value setting current (i/) / of the L-trip / with f2 characteristic     100 A       • minimum     100 A       • minimum     250 A       • minimum     15 s       • minimum     15 s       • minimum     37 5 A       • maximum     250 A       • minimum     37 5 A       • minimum     50 A       • full scale value     250 A       • digustable response value setting current (i) / for L-tripping / with standard characteristic     50 A       • initial value     50 A       • full scale value     250 A       • initial value     0.05 s       • initial value     0		4.5 kA
al 240 V100 kA• at 800 V35 kA• at 800 VY347 V18 kA• at 800 VY347 V100 A• at 800 VY347 V250 A• at 800 VY347 V13 a• at 800 VY347 VY13 a• at 800 VY347 VY250 A• at 800 VY347 VY10 A• at 800 VY340	Switching capacity according to UL 489	
• al 480 V35 kA• at 600 V/347 V18 kAAdjustable response value setting current (I/) / 0 fu L-trip vulth 12 characteristic100 A• minimum250 Aadjustable response value delay time (tr) / for L-tripping / with 12 characteristic5• minimum0.5 s• minimum3.5 aadjustable response value setting current (III) / for L-tripping / with 12 characteristic5• minimum3.5 aadjustable response value setting current (II) / for L-tripping / with 12 characteristic5• minimum3.75 A• minimum2.500 Aadjustable current response value setting current (II) / for C-tripping / with 10 to characteristic500 A• minimum0.05 s• minimum50 A• minimum250 A•	current breaking capacity	
• at 600 Y/347 V     18 kA       • at 600 V     18 kA       • at 600 V     18 kA       • at 600 V     18 kA       • maximum     100 A       • maximum     100 A       • maximum     250 A       • maximum     18 kA       • maximum     100 A       • maximum     250 A       • maximum     18 kA       • maximum     18 kA       • maximum     18 kA       • maximum     250 A       • maximum     0.05 S       • minimum     0.05 S       • minimum<	• at 240 V	100 kA
ei 600 V     18 kA       Adjustable parameters	• at 480 V	35 kA
Adjustable response value setting current (if) / of the L-trip / with L2t characterisic       100 A         • minimum       250 A         • adjustable response value delay time (it) / for L-tripping / with L2t characterisic       0.5 s         • minimum       13 s         • adjustable response value setting current (iii) / for L-tripping / with L2t characterisic       0.5 s         • maximum       375 A         • maximum       2500 A         adjustable response value setting current (iii) / for L-tripping / with standard characteristic       500 A         • initial value       50 A         • initial value       50 A         • initial value       0.05 s         • maximum       0.05 s         • maximum       0.05 s         • minimum       250 A	• at 600 Y/347 V	18 kA
adjustable response value setting current (if) / of the L-trip / with I2 characteristic minimum maximum diustable response value delay time (tr) / for L-tripping / with I2 characteristic minimum maximum adjustable response value setting current (ii) / for L-tripping / with i minimum minimum minimum maximum adjustable response value setting current (ii) / for G-tripping / with adjustable response value current / for G-tripping / with i minimum		18 kA
Izi characteristic     00 A       • maximum     250 A       adjustable response value delay time (tr) / for L-tripping / with IZI     -       • minimum     0.5 s       • minimum     13 s       adjustable response value setting current (li) / for L-tripping / with IZI     -       • minimum     250 A       adjustable cresponse value setting current (li) / for L-tripping / with IZI standard characteristic     -       • initial value     250 A       • full-scale value     0.05 s       • maximum     0.05 s       • maximum     0.05 s       • minimum     0.05 s       • maximum     0.05 s       • minimum     0.05 s	Adjustable parameters	
• minimum     100 A       • maximum     250 A       adjustabie response value delay time (tr) / for L-tripping / with 121        • minimum     0.5 s       • maximum     13 s       adjustabie response value setting current (ii) / for I-tripping     375 A       • maximum     2500 A       adjustabie current response value current / for C-tripping / with sistandar characteristic     50 A       • full-scale value     250 A       adjustabie response value delay time (tg) / for C-tripping / with 100 characteristic     50 A       • full-scale value     250 A       • full-scale value     250 A       • minimum     0.05 s       • minimum     0.05 s       • maximum     0.05 s       • minimum     250 A       • adjustable response value delay time (tg) / for G-tripping / with 122 characteristic       • minimum     0.05 s       • minimum     0.05 s       • minimum     0.05 s       • minimum     0.05 s       • mininimum     250 A       • adjustable		
• maximum250 Aadjustable response value delay time (tr) / for L-tripping / with 12t of maximum0.5 s• maximum13 sadjustable response value setting current (li) / for I-tripping • minimum375 A2 djustable response value setting current (li) / for I-tripping / with standard characteristic2500 Aadjustable current response value current / for G-tripping / with standard characteristic50 A• initial value50 A• initial value0.05 s• minimum0.05 s• maximum0.05 s• maximum200 A• adjustable response value delay time (tg) / for G-tripping / with th // th characteristic• minimum0.05 s• maximum200 A• adjustable response value delay time (tg) / for G-tripping / with 1/2t characteristic• minimum0.05 s• maximum200 Aadjustable exponse value delay time (tg) / for G-tripping / with 1/2t characteristic• minimum200 A• minimum250 A• minimum250 A• maximum250 Aadjustable exponse value current / of instantaneous short-circuit tip unit• minimum250 A• minimum250 A• minimum250 A• minimum250 A• mininum250 A		400.4
adjustable response value delay time (tr) / for L-tripping / with 12t       0.5 s         • minimum       13 s         adjustable response value setting current (ii) / for I-tripping       975 A         • maximum       2500 A         adjustable response value current / for G-tripping / with       2500 A         adjustable current response value current / for G-tripping / with       0.05 s         • full-scale value       260 A         adjustable current response value delay time (tg) / for G-tripping / with       0.05 s         • full-scale value       250 A         adjustable response value delay time (tg) / for G-tripping / with       0.05 s         • minimum       0.05 s         • maximum       0.05 s         • minimum       0.05 s         • maximum       280 A         adjustable current (nN) / for N-tripping       0.05 s		
chiarcteristic in inimum 0.5 s in maximum 13 s in the second seco		250 A
• minimum0.5 s• maximum13 sadjustable response value setting current (ii) / for I-tripping375 A• maximum250 A• maximum250 A• initial value50 A• initial value50 A• initial value0.65 s• initial value0.65 s• maximum0.8 s• maximum0.8 s• maximum0.05 s• maximum0.05 s• maximum0.8 s• adjustable response value setting current (ig) / for G-tripping / with 10t characteristic• maximum0.8 s• adjustable response value setting current (ig) / for G-tripping / with 12t characteristic• minimum0.05 s• maximum0.8 sadjustable response value delay time (ig) / for G-tripping / with 12t characteristic• minimum0.05 s• minimum250 A• distable response value current / of instantaneous adjustable response / otopsing• minimum250 A• maximum		
• maximum13 sadjustable response value setting current (fi) / for I-tripping / with standard characteristic2 500 Aadjustable current response value current / for G-tripping / with standard characteristic50 A• initial value50 A• initial value50 A• diul-scale value delay time (tg) / for G-tripping / with 100 characteristic0.05 s• maximum0.8 sadjustable response value setting current (lg) / for G-tripping / with 120 characteristic50 A• maximum0.8 sadjustable response value setting current (lg) / for G-tripping / with 120 characteristic50 A• maximum0.8 sadjustable response value setting current (lg) / for G-tripping / with 120 characteristic50 A• maximum50 A• maximum60 S• minimum0.05 s• minimum0.05 s• minimum0.05 s• minimum0.05 s• maximum250 Aadjustable response value delay time (tg) / for G-tripping / with 120 characteristic• minimum0.05 s• minimum0.05 s• minimum50 A• minimum250 Aadjustable current response value current / of instantaneous short-forcut trip unit• minimum375 A• minimum250 A• minimum375 A• minimum250 A• diulscale value0.05 s• minimum375 A• minimum250 A• minimum375 A• minimum375 A <td></td> <td>0.5 s</td>		0.5 s
adjustable response value setting current (lii) / for I-tripping       375 A         • maximum       2 500 A         adjustable current response value current / for G-tripping / with standard characteristic       50 A         • initil value       50 A         adjustable response value delay time (tg) / for G-tripping / with Dit characteristic       50 A         • initil value       50 A         • maximum       0.05 s         • maximum       0.05 s         • maximum       0.05 s         • initimum       50 A         • initimum       0.05 s         • initimum       250 A         adjustable setting current (InN) / for N-tripping       4         • inaximum       250 A         adjustable setting current (INN) / for N-tripping       4         • inaximum       250 A         adjustable corrent response value current / of instantaneous short-circuit		
• minimum       375 A         • maximum       2 500 A         adjustable current response value current / for G-tripping / with       50 A         • full-scale value       50 A         adjustable response value delay time (tg) / for G-tripping / with       200 A         adjustable response value delay time (tg) / for G-tripping / with       0.05 s         • maximum       0.05 s         • maximum       0.8 s         adjustable response value setting current (tg) / for G-tripping / with       50 A         • minimum       0.05 s         • maximum       0.05 s         • minimum       0.05 s         • minimum       50 A         • minimum       250 A         adjustable current (nN) / for N-tripping       *         • minimum       50 A         • minimum       250 A         adjustable current (nN) / for N-tripping / with stantaneous       short-current / of instantaneous		
• maximum2 800 Aadjustable current response value current / for G-tripping / with standard characteristic50 A• initial value50 A• dul-scale value250 Aadjustable response value delay time (tg) / for G-tripping / with Dit characteristic0.05 s• ininimum0.05 s• maximum0.08 sadjustable response value setting current (tg) / for G-tripping / with 12t characteristic50 A• maximum50 A• maximum60 A• maximum50 A• maximum50 A• maximum60 A• maximum250 Aadjustable response value delay time (tg) / for G-tripping / with 12t characteristic• ininimum0.05 s• maximum250 Aadjustable response value delay time (tg) / for G-tripping / with 12t characteristic• ininimum0.05 s• maximum250 Aadjustable current (th) / for N-tripping• ininimum50 A• ininimum50 A• ininimum250 Aadjustable current (th) / for N-tripping• ininimum250 A• ininimum375 A• ininimum250 A• ininimum250 S• ininimum250 A• ininimum250 A• ininimum250 A• ininimum375 A• ininimum250 S• initial value0.05 s• initial value0.05 s• initial value0.05 s• initial value0.8 sMechanic		375 Δ
adjustable current response value current / for G-tripping / with       50 A         • full-scale value       50 A         adjustable response value delay time (tg) / for G-tripping / with       0.05 s         • minimum       0.05 s         • maximum       0.8 s         adjustable response value setting current (lg) / for G-tripping / with 12t characteristic       50 A         • maximum       0.8 s         adjustable response value setting current (lg) / for G-tripping / with 12t characteristic       50 A         • maximum       250 A         adjustable response value delay time (tg) / for G-tripping / with 12t characteristic       50 A         • maximum       0.05 s         • maximum       0.05 s         • maximum       0.05 s         • maximum       0.05 s         • maximum       0.8 s         adjustable current response value current / of instantaneous short-circuit rip unit       50 A         • maximum       250 A         adjustable current response value current / of instantaneous short-circuit rip unit       50 A         • maximum       250 A         adjustable current response value current / of instantaneous short-circuit rip unit       adjustable CFF; 20% to 100%         • maximum       250 A         design of the N-conductor protection <td< td=""><td></td><td></td></td<>		
standard characteristic     50 A       • initial value     250 A       adjustable response value delay time (tg) / for G-tripping / with 10t characteristic     0.05 s       • initial value     0.8 s       adjustable response value setting current (tg) / for G-tripping / with 12t characteristic     0.8 s       adjustable response value setting current (tg) / for G-tripping / with 12t characteristic     50 A       • minimum     50 A       • minimum     250 A       adjustable response value delay time (tg) / for G-tripping / with 12t characteristic     250 A       • inimimum     0.05 s       • minimum     0.05 s       • minimum     0.05 s       • minimum     0.8 s       adjustable setting current (tnN) / for N-tripping     with 250 A       • minimum     50 A       • minimum     250 A       • aximum     250 A       adjustable current response value current / of instantaneous short-circuit trip unit       • minimum     375 A       • minimum     2500 A       design of the N-conductor protection     adjustable OFF; 20% to 100%       product function / grounding protection     Yes       total break time / for G-tripping / with standard characteristic     0.05 s       • initial value     0.05 s       • initial value     0.05 s       • initial value <td></td> <td></td>		
• full-scale value250 Aadjustable response value delay time (tg) / for G-tripping / with 10t characteristic0.05 s• minimum0.05 sadjustable response value setting current (tg) / for G-tripping / with 12t characteristic50 A• maximum50 A• minimum50 A• minimum0.05 s• minimum0.8 sadjustable response value delay time (tg) / for G-tripping / with 12t characteristic• minimum0.05 s• minimum0.05 s• maximum250 Aadjustable current response value current / of instantaneous short-circuit trip unit• minimum375 A• maximum2500 Adesign of the N-conductor protectionadjustable OFF; 20% to 100%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic0.05 s• Initial value0.05 s• Initial value0.05 s• Initial value0.05 s• Uit-scale value0.8 sMechanical DesignNo• undervoltage releaseNo• voltage triggerNo• trip indicatorNo		
adjustable response value delay time (tg) / for G-tripping / with I0t characteristic     0.05 s       • maximum     0.8 s       adjustable response value setting current (tg) / for G-tripping / with I2t characteristic     50 A       • maximum     250 A       adjustable response value delay time (tg) / for G-tripping / with I2t characteristic     0.05 s       • maximum     250 A       adjustable response value delay time (tg) / for G-tripping / with I2t characteristic     0.05 s       • maximum     0.05 s       • maximum     0.8 s       adjustable setting current (IN) / for N-tripping     •       • maximum     250 A       adjustable current response value current / of instantaneous short-circuit trip unit     50 A       • maximum     250 A       adjustable current response value current / of instantaneous short-circuit trip unit     375 A       • maximum     2 500 A       design of the N-conductor protection     adjustable OFF; 20% to 100%       product function / grounding protection     Yes       total break time / for G-tripping / with standard characteristic     0.05 s       • full-scale value     0.8 s       Mechanical Design     No       moduct onponent     No       • undervoltage release     No       • voltage trigger     No	initial value	50 A
IOT characteristic     0.05 s       • minimum     0.05 s       adjustable response value setting current (lg) / for G-tripping / with 12t characteristic     0.8 s       • maximum     50 A       adjustable response value delay time (lg) / for G-tripping / with 12t characteristic     250 A       adjustable response value delay time (lg) / for G-tripping / with 12t characteristic     0.05 s       • minimum     0.05 s       • minimum     0.05 s       • minimum     0.8 s       adjustable setting current (InN) / for N-tripping     50 A       • minimum     50 A       • maximum     250 A       adjustable current response value current / of instantaneous short-circuit trip unit       • maximum     250 A       design of the N-conductor protection     adjustable OFF; 20% to 100%       product function / grounding protection     Yes       total break time / for G-tripping / with standard characteristic     0.05 s       • full-scale value     0.05 s       • full-scale value     0.8 s       Mechanical Design     No       • undervoltage release     No       • voltage trigger     No	• full-scale value	250 A
• minimum0.05 s• maximum0.8 sadjustable response value setting current (lg) / for G-tripping / with 12t characteristic50 A• minimum50 Aadjustable response value delay time (lg) / for G-tripping / with 12t characteristic0.05 s• minimum0.05 s• minimum0.05 s• minimum0.05 s• minimum0.8 sadjustable setting current (lnN) / for N-tripping50 A• minimum0.8 sadjustable setting current (lnN) / for N-tripping50 A• minimum250 Aadjustable current response value current / of instantaneous short-circuit trip unit375 A• maximum2 500 Adesign of the N-conductor protectionadjustable OFF; 20% to 100%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic• initial value0.05 s• full-scale value0.8 sMechanical Dasignmoduct component• undervoltage releaseNo• voltage triggerNo• trip indicatorNo		
• maximum0.8 sadjustable response value setting current (lg) / for G-tripping / with 12t characteristic50 A• minimum50 Aadjustable response value delay time (tg) / for G-tripping / with 12t characteristic250 Aadjustable response value delay time (tg) / for G-tripping / with 12t characteristic0.05 s• maximum0.05 s• maximum0.8 sadjustable setting current (InN) / for N-tripping50 A• maximum250 Aadjustable current response value current / of instantaneous short-circuit trip unit50 A• minimum50 A• maximum250 Aadjustable current response value current / of instantaneous short-circuit trip unit375 A• maximum2500 Adesign of the N-conductor protection4product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic • initial value0.05 s• full-scale value0.8 sMechanical DesignNovoltage triggerNo• voltage triggerNo• trip indicatorNo	I0t characteristic	
adjustable response value setting current (lg) / for G-tripping /       s0 A         • minimum       50 A         adjustable response value delay time (tg) / for G-tripping / with       250 A         adjustable response value delay time (tg) / for G-tripping / with       0.05 s         • maximum       0.8 s         adjustable setting current (InN) / for N-tripping       s         • maximum       250 A         adjustable setting current (InN) / for N-tripping       s         • maximum       250 A         adjustable current response value current / of instantaneous short-circuit trip unit       s         • maximum       250 A         adjustable oFF; 20% to 100%       product function / grounding protection         vesa       vesa         • initial value       0.05 s         • full-scale value       0.8 s         Mechanical Design       vesa         product component       0.8 s         • undervoltage release       No         • voltage trigger       No         • voltage trigger       No	• minimum	
with 12t characteristic       50 A         • maximum       250 A         adjustable response value delay time (tg) / for G-tripping / with 12t characteristic       0.05 s         • minimum       0.05 s         • maximum       0.8 s         adjustable setting current (InN) / for N-tripping		0.8 s
• minimum50 A• maximum250 Aadjustable response value delay time (tg) / for G-tripping / with l2t characteristic.• minimum0.05 s• maximum0.8 sadjustable setting current (tnN) / for N-tripping.• minimum50 A• maximum250 Aadjustable setting current (tnN) / for N-tripping.• minimum50 A• maximum250 Aadjustable current response value current / of instantaneous short-circuit trip unit• minimum375 A• maximum2 500 Adesign of the N-conductor protectionadjustable OFF; 20% to 100%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic.• initial value0.05 s• full-scale value0.8 sMechanical Design.product component.• undervoltage releaseNo• voltage triggerNo• trip indicatorNo		
• maximum250 Aadjustable response value delay time (tg) / for G-tripping / with IZt characteristic		50 Δ
adjustable response value delay time (tg) / for G-tripping / with       0.05 s         e minimum       0.05 s         e maximum       0.8 s         adjustable setting current (InN) / for N-tripping       50 A         e maximum       250 A         adjustable current response value current / of instantaneous short-circuit trip unit       375 A         e maximum       2500 A         design of the N-conductor protection       adjustable OFF; 20% to 100%         product function / grounding protection       Yes         total break time / for G-tripping / with standard characteristic       0.05 s         e full-scale value       0.8 s         Mechanical Design       No         product component       No         e undervoltage release       No         e trip indicator       No		
12t characteristic       0.05 s         • minimum       0.8 s         adjustable setting current (InN) / for N-tripping       50 A         • maximum       250 A         adjustable current response value current / of instantaneous short-circuit trip unit       250 A         • minimum       250 A         adjustable current response value current / of instantaneous short-circuit trip unit       375 A         • maximum       2 500 A         design of the N-conductor protection       adjustable OFF; 20% to 100%         product function / grounding protection       Yes         total break time / for G-tripping / with standard characteristic       0.05 s         • initial value       0.05 s         • full-scale value       0.8 s         Mechanical Design       No         • undervoltage release       No         • voltage trigger       No         • trip indicator       No		200 A
maximum         0.8 s         adjustable setting current (InN) / for N-tripping         ominimum         50 A         adjustable current response value current / of instantaneous         short-circuit trip unit         ominimum         375 A         adjustable cUFF; 20% to 100%         product function / grounding protection         product function / grounding protection         ves         total break time / for G-tripping / with standard characteristic         initial value         0.8 s          Mechanical Design         product component         undervoltage release         No         voltage trigger         itip indicator         No		
adjustable setting current (InN) / for N-tripping       50 A         • minimum       50 A         • maximum       250 A         adjustable current response value current / of instantaneous short-circuit trip unit       375 A         • minimum       375 A         • maximum       2 500 A         design of the N-conductor protection       adjustable OFF; 20% to 100%         product function / grounding protection       Yes         total break time / for G-tripping / with standard characteristic       0.05 s         • full-scale value       0.8 s         Machanical Design       No         product component       No         • undervoltage release       No         • voltage trigger       No         • trip indicator       No	• minimum	0.05 s
• minimum50 A• maximum250 Aadjustable current response value current / of instantaneous short-circuit trip unit375 A• minimum375 A• maximum2 500 Adesign of the N-conductor protectionadjustable OFF; 20% to 100%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic0.05 s• initial value0.05 s• full-scale value0.8 sMechanical Designrelease• undervoltage releaseNo• voltage triggerNo• trip indicatorNo	• maximum	0.8 s
• minimum50 A• maximum250 Aadjustable current response value current / of instantaneous short-circuit trip unit375 A• minimum375 A• maximum2 500 Adesign of the N-conductor protectionadjustable OFF; 20% to 100%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic0.05 s• initial value0.05 s• full-scale value0.8 sMechanical Designrelease• undervoltage releaseNo• voltage triggerNo• trip indicatorNo	adjustable setting current (InN) / for N-tripping	
adjustable current response value current / of instantaneous short-circuit trip unit       375 A         • minimum       375 A         • maximum       2 500 A         design of the N-conductor protection       adjustable OFF; 20% to 100%         product function / grounding protection       Yes         total break time / for G-tripping / with standard characteristic       0.05 s         • initial value       0.05 s         • full-scale value       0.8 s         Mechanical Design       Voltage release         • voltage release       No         • voltage trigger       No         • trip indicator       No		50 A
short-circuit trip unit       375 A         • maximum       375 A         • maximum       2 500 A         design of the N-conductor protection       adjustable OFF; 20% to 100%         product function / grounding protection       Yes         total break time / for G-tripping / with standard characteristic       0.05 s         • initial value       0.05 s         • full-scale value       0.8 s         Mechanical Design       Ventor of the standard stand	• maximum	250 A
short-circuit trip unit       375 A         • maximum       375 A         • maximum       2 500 A         design of the N-conductor protection       adjustable OFF; 20% to 100%         product function / grounding protection       Yes         total break time / for G-tripping / with standard characteristic       0.05 s         • initial value       0.05 s         • full-scale value       0.8 s         Mechanical Design       Ventor of the standard stand	adjustable current response value current / of instantaneous	
• maximum2 500 Adesign of the N-conductor protectionadjustable OFF; 20% to 100%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic0.05 s• initial value0.05 s• full-scale value0.8 sMechanical DesignVechanical Design• undervoltage releaseNo• voltage triggerNo• trip indicatorNo		
design of the N-conductor protection       adjustable OFF; 20% to 100%         product function / grounding protection       Yes         total break time / for G-tripping / with standard characteristic       0.05 s         • initial value       0.05 s         • full-scale value       0.8 s         Mechanical Design       voltage release         • voltage trigger       No         • trip indicator       No	• minimum	375 A
product function / grounding protection       Yes         total break time / for G-tripping / with standard characteristic       0.05 s         • initial value       0.05 s         • full-scale value       0.8 s         Mechanical Design       Ves         • undervoltage release       No         • voltage trigger       No         • trip indicator       No	• maximum	2 500 A
total break time / for G-tripping / with standard characteristic       • initial value     0.05 s       • full-scale value     0.8 s         Mechanical Design       product component       • undervoltage release     No       • voltage trigger     No       • trip indicator     No	design of the N-conductor protection	adjustable OFF; 20% to 100%
• initial value0.05 s• full-scale value0.8 sMechanical DesignNo• undervoltage releaseNo• voltage triggerNo• trip indicatorNo	product function / grounding protection	Yes
• full-scale value     0.8 s       Mechanical Design	total break time / for G-tripping / with standard characteristic	
Mechanical Design           product component           • undervoltage release         No           • voltage trigger         No           • trip indicator         No	• initial value	0.05 s
product component	• full-scale value	0.8 s
• undervoltage release     No       • voltage trigger     No       • trip indicator     No	Mechanical Design	
voltage trigger     trip indicator     No	product component	
• trip indicator No	undervoltage release	No
	<ul> <li>voltage trigger</li> </ul>	No
height [in] 7.8 in	trip indicator	No
	height [in]	7.8 in

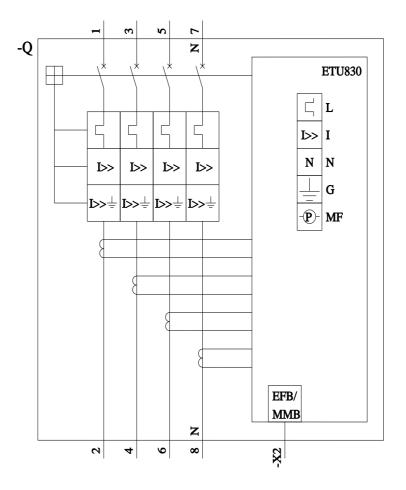
height		198 mm	1		
width [in]		5.51 in			
width		140 mm	ı		
		3.39 in	,		
depth [in]			86 mm		
depth		80 1111	_	_	
Connections					
arrangement of electrical conne			connection		
type of electrical connection / for	or main current circuit	Without			
Auxiliary circuit		_			
number of CO contacts / for au	xiliary contacts	0			
Accessories					
product extension / optional / m	notor drive	Yes			
Environmental conditions					
protection class IP / on the fron	t	IP40			
ambient temperature					
<ul> <li>during operation / minimum</li> </ul>	um	-25 °C			
<ul> <li>during operation / maxim</li> </ul>		70 °C			
during storage / minimun		-40 °C			
during storage / maximul		80 °C			
Certificates		80 C	_		
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reference code / according to I		Q			
certificate of suitability / as approved a supplement SB	roval for NAVAL (no combat	Yes			
General Product Approval					
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proval         Efficiency         Marine / Shipping         Marine / Shipping         Efficiency         Siemens / State         Siemens has decided to exit the state         https://press.siemens.com/globe         Siemens is working on the repelease contact your local Siement         EAC relevant market (other that information on the packaging https://support.industry.siements.com/lowvol         Information - and Downloadce         http://www.siemens.com/lowvol         Industry Mall (Online ordering https://mall.industry.siemens.com/lowvol	the Russian market (see her al/en/pressrelease/siemens-w mewal of the current EAC ce ens office on the status of valid n the sanctioned EAEU memb s.com/cs/ww/en/view/1098138 enter (Catalogs, Brochures, ltage/catalogs g system) om/mall/en/en/Catalog/product	e). ind-down-russia rtificates. dity of the EAC ( beer states Russia 175 ) ?mlfb=3VA6225	Miscellaneous m-business certification if you internation or Belarus).	Miscellaneous	Dangerous Good Transport Information
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proval         Efficiency         Marine / Shipping         Marine / Shipping         Display         Further information         Siemens has decided to exit 1         https://press.siemens.com/glob         Siemens is working on the re         Please contact your local Sieme         EAC relevant market (other that         Information on the packaging         https://support.industry.siemens.com         Information- and Downloadce         https://mall.industry.siemens.com         Service&Support (Manuals, C         https://support.industry.siemens.com         Service&Support (Manuals, C         https://support.industry.siemens.com	the Russian market (see her al/en/pressrelease/siemens-w mewal of the current EAC ce ens office on the status of valid n the sanctioned EAEU memb s.com/cs/ww/en/view/1098138 enter (Catalogs, Brochures, tage/catalogs g system) m/mall/en/en/Catalog/product certificates, Characteristics, s.com/cs/ww/en/ps/3VA6225-5 ges, 2D dimension drawings	e). ind-down-russia wrtificates. dity of the EAC ( ber states Russia 275 ) ?mlfb=3VA62226 FAQs,) 5KM41-0AA0 s, 3D models, d	Miscellaneous Miscellaneous un-business certification if you inter a or Belarus).	Miscellaneous	Dangerous Good Transport Information
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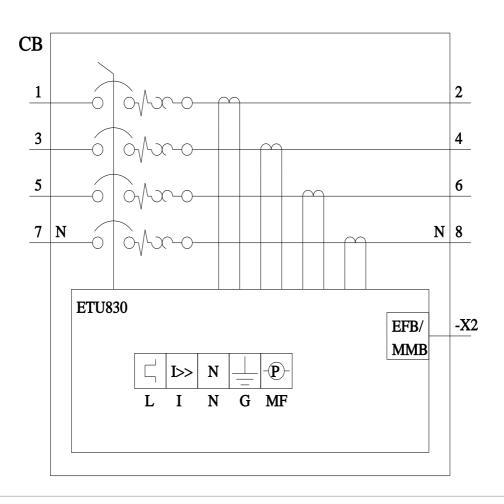












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