SIEMENS

Data sheet

3VA6115-6KT36-0AA0

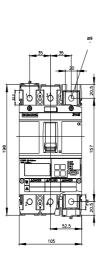


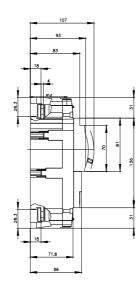
circuit breaker 3VA6 UL frame 150 breaking capacity class H 65kA @ 480 V 3pole, line protection ETU856, LSI, In=150A overload protection Ir=60A ...150A short-circuit protection Isd=0.6..10x In, Ii=1.5..10x In N conductor protection opt. w. ext. CT; up to 160% ground-fault alarm message via EFB300 or COM cable connection on both sides

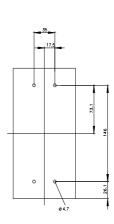
Model	
product brand name	SENTRON
product designation	Molded-case circuit breaker
product designation / according to UL file	HDAE
design of the product	System protection
design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type)	Yes
design of the overcurrent release	ETU856
protection function of the overcurrent release	LSI-G-alarm only
number of poles	3
General technical data	
insulation voltage / rated value	800 V
operating voltage / at AC / rated value	690 V
power loss [W] / maximum	29 W
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	9.67 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 480 V	14 000
electrical endurance (operating cycles) / at 600 V	9 800
product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof	Yes
ground-fault monitoring version	Summation current formation L-conductor
product function	
 communication function 	Yes
 other measurement function 	Yes
Net Weight	2.709 kg
Current	
marking / according to UL 489 / 100%-rated breaker	No
operational current	
● at 40 °C	150 A
● at 45 °C	150 A
● at 50 °C	150 A
● at 55 °C	143 A
● at 60 °C	135 A
● at 65 °C	128 A
• at 70 °C	120 A
Switching capacity according to IEC 60947	
switching capacity class of the circuit breaker	Н
maximum short-circuit current breaking capacity (Icu)	

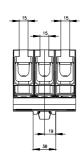
•••••••••••••••••••••••••••••••••••		
• • • • • • • • • • • • • • • • • • •	• at 240 V	110 kA
operating short-cicul current breaking capacity (tos) 10 A • #1240 V 10 A • #1240 V 25 A • #1240 V 22 SA • #1240 V 22 SA • #1240 V 22 SA • #1240 V 23 BA • #1240 V 23 BA • #1240 V 107 FA • #1240 V 100 FA • #1200 V 100 FA • #1200 V 100 FA • #100 V 00 FA	● at 415 V	85 kA
• • • • • • • • • • • • • • • • • • •	• at 690 V	2.5 kA
4 + 41 5 V85 KA• + 14 + 5 V2.5 KA• + 12 + 20 V22 KA• - 12 + 20 V107 KA• - 14 + 15 V107 KA• - 14 + 15 V107 KA• - 14 + 15 V107 KA• - 14 + 16 V100 KA• - 16 + 16	operating short-circuit current breaking capacity (Ics)	
• #100 Y25 kAshort-struct runking capacity (cm)	● at 240 V	110 kA
shot-crud current making capacity (cm) 242 kA • e1 240 V 187 kA • e1 640 V 38 kA 2010 Kitching capacity according to UL 489	● at 415 V	85 kA
42.24 A• a1.240 V24.24 A• a1.60 V33.8 ASutching capacity according to UL 439• a1.240 V100 VA• a1.240 V100 VA• a1.240 V85 KA• a1.240 V80 A• a1.240 V90 A <td< td=""><td>• at 690 V</td><td>2.5 kA</td></td<>	• at 690 V	2.5 kA
• • • • • • • • • • • • • • • • • • •	short-circuit current making capacity (Icm)	
• a1890 V3.8 kASwitching capacity capacit	• at 240 V	242 kA
Statisting capacity according to UL 409 Image: Control threaking capacity e.it 24 0V	• at 415 V	187 kA
current breaking capacity 00 kA • at 260 V 55 kA • at 600 V 22 kA Adjustable preponse value setting current (it) / of the L-trip / with E1 characteristic 60 A • innimum 60 A • insatrum 150 A • adjustable response value setting current (itd) / of S-trip / with E1 characteristic 150 A • innimum 90 A • innimum 0.05 s	• at 690 V	3.8 kA
a. 224 of 	Switching capacity according to UL 489	
• at 400 V85 kA• at 000 V22 kAAdjustable presones value setting current (lr) / of the L-tip / with 21 characteristic60 A• maximum500 A• digustable response value setting current (lsd) / of S-tip / with 10 characteristic90 A• minimum90 A• minimum00 A• minimum0.05 s• minimum0.2 A• minimum0.2 A• minimum0.2 A• minimum0.2 A• minimum0.2 A• minimum0.05 s• minimum0.05 s• minimum0.05 s• minimum0.05 s• minimum0.05 s• minimum0.05 s• minimum0.05 s<	current breaking capacity	
• at 600 V 22 kA Adjustable response value setting current (k/) / of the L-trip / with 2t characteristic 60 A • minimum 90 A • minimum 90 A • minimum 90 A • minimum 0.05 s • minimum 0.2 A • minimum 0.2 A </td <td>• at 240 V</td> <td>100 kA</td>	• at 240 V	100 kA
Adjustable parameters adjustable response value setting current (fr) / of the L-trip / with 12 characteristic • minimum • maximum • minimum • minimum • fild scale value • fild scale value • fild scale value • minimum • fild scale value • minimum • fild scale value • minimum 0.05 s • minimum 0.05 s • minimum 160 A adjustab	• at 480 V	65 kA
adjustable response value setting current (in/) of the L-trip / with 12t characteristic • maximum • minimum • maximum • maximum • maximum • minimum • minimum • minimum • minimum • maximum • maximum • maximum • maximum • minimum • minimum • maximum • maximu	• at 600 V	22 kA
IZ characteristic 0A • maximum 150 A adjustable response value setting current (Isd) / of S-trip / with 10 characteristic 00 A • minimum 00 A • maximum 1500 A adjustable response value delay time (Isd) / for S-tripping / with 10 characteristic 0.05 s • minimum 0.8 s adjustable current response value current / of G-tripping / with 12 characteristic 0.05 s • minimum 0.05 s • minimum 0.8 s adjustable current response value current / of Instantaneous abiot-circui tirp unt 0.8 s • minimum 0.2 A • minimum 0.0 A • full-scale value 0.5 s • full-scale value 0.5 s <td>Adjustable parameters</td> <td></td>	Adjustable parameters	
• maximum 50 A adjustable response value setting current (isd) / of S-trip / with 0 characteristic 90 A • minimum 1500 A adjustable response value delay time (tsd) / for S-tripping / with 0 characteristic 0.05 s • minimum 0.05 s • full scale value current / for G-tripping / with standard characteristic 0.05 s • initial value 30 A • full-scale value delay time (tg) / for G-tripping / with standard characteristic 0.05 s • minimum 0.05 s • minimum 0.2 A • minimum 0.2 A • minimum 16 A adjustable current response value current / of instantaneous adjustable current response value current / of instantaneous • minimum 1200 A • minimum 1200 A • minimum 1200 A • minimum 125 s <		
adjustable response value setting current (Isd) / of S-trip / with b0 characteristic 90 A • maximum 1500 A adjustable response value delay time (tsd) / for S-tripping / with 0 characteristic 0.05 S • minimum 0.05 S • minimum 0.05 S adjustable response value delay time (tsd) / for S-tripping / with 12 characteristic 0.05 S adjustable current response value current / for G-tripping / with 12 characteristic 0.05 S initial value 30 A • full-scale value 30 A • minimum 0.05 S • minimum 0.05 S • full-scale value 30 A • full-scale value 30 A • maximum 0.05 S • adjustable response value delay time (tg) / for G-tripping / with 12 characteristic 0.05 S • maximum 0.2 A • maximum 0.2 A • maximum 0.5 S adjustable current (nN) / for N-tripping 0.5 S • maximum 16 A adjustable current tesponse value current / of instantaneous short-curut trip unit 225 A • maximum 1500 A • delistable current response value current / of instantaneous sho	• minimum	60 A
Idi characteristic 90 A • miximum 90 A • miximum 1500 A adjustable response value delay time (tsd) / for S-tripping / with 10 characteristic 0.05 s • miximum 0.05 s • miximum 0.05 s • miximum 0.05 s • miximum 0.05 s • minimum 0.05 s • minimum 0.05 s • minimum 0.05 s • minial value 30 A • full-scale value delay time (tsd) / for G-tripping / with 21 characteristic 150 A • full-scale value 30 A • full-scale value delay time (tg) / for G-tripping / with 21 characteristic 0.05 s • minimum 0.2 A • maximum 1.6 A • datable delay time / of S-trip / with 12t characteristic 0.5 s • minimum 1.60 A • maximum 1.60 A • maximum 1.60 A • maximum	• maximum	150 A
• maximum 1 500 Å adjustable response value delay time (tsd) / for S-tripping / with 005 s 0.05 s • maximum 0.05 s • dijustable response value delay time (tsd) / for S-tripping / with 12t characteristic 0.05 s • minimum 0.05 s adjustable response value delay time (tsd) / for S-tripping / with standard characteristic 0.05 s • minimum 0.05 s adjustable current response value current / for G-tripping / with standard characteristic 30 Å • full-scale value 30 Å • full-scale value 0.05 s • minimum 0.05 s • minimum 0.05 s • maximum 0.05 s • adjustable current (IN) / for N-tripping / with 12 characteristic 0.2 A • maximum 0.2 A • maximum 12 A • maximum 12 A • maximum 12 A <td></td> <td></td>		
adjustable response value delay time (tsd) / for S-tripping / with 0.05 s 0.15 minimum 0.05 s adjustable response value delay time (tsd) / for S-tripping / with 0.05 s 21 characteristic 0.05 s adjustable current response value current / for G-tripping / with 0.05 s adjustable current response value current / for G-tripping / with 0.05 s adjustable response value delay time (tg) / for G-tripping / with 0.05 s adjustable response value delay time (tg) / for G-tripping / with 0.05 s adjustable setting current (INN) / for N-tripping / with 0.05 s adjustable delay time (tg) / for G-tripping / with 0.05 s adjustable setting current (INN) / for N-tripping / with 0.05 s adjustable delay time (tg) / for N-tripping / with 0.2 A adjustable delay time (tg) / for N-tripping / with 0.2 A adjustable delay time / of S-trip / with 12 characteristic 0.5 s adjustable delay time / of S-trip / with 12 characteristic 0.5 s adjustable delay time / of S-trip / with 12 characteristic 0.5 s adjustable orFr 120% to 160% 0.05 s product trongong tripping / with standard characteristic 0.05 s initidi value 0.05 s	• minimum	90 A
IOI characteristic 0.05 s • maximum 0.05 s adjustable response value delay time (tsd) / for S-tripping / with 212 characteristic 0.05 s • minimum 0.05 s adjustable current response value current / for G-tripping / with 121 characteristic 30 A • initial value 0.05 s • maximum 0.05 s • maximum 0.4 A • maximum 0.5 s • adjustable current (INI) / for N-tripping 0.2 A • maximum 16 A • maximum 16 A • maximum 150 A • delistable current (INI) / for N-tripping / with stantaneous short-circui trip unit 25 A • minimum 225 A • minimum 20 A <t< td=""><td>• maximum</td><td>1 500 A</td></t<>	• maximum	1 500 A
• maximum 0.5 s adjustable response value delay time (tsd) / for S-tripping / with 21 characteristic 0.05 s adjustable current response value current / for G-tripping / with standard characteristic 30 A • initial value 0.05 s • minimum 0.05 s • minimum 0.05 s • maximum 0.8 s adjustable setting current (inN) / for N-tripping • • maximum 1.6 A adjustable aley time / of S-trip / with 12 characteristic 0.5 s adjustable aley time / of S-trip / with 12 characteristic 0.5 s adjustable aley time / of S-trip / with 12 characteristic 0.5 s • maximum 1.6 A • maximum 225 A • maximum 1.6 A • maximum 26 S • for O-tripp / with standard characteristic 0.5 s • total break time / for C-tripping / with standard characteristic 0.05 s </td <td></td> <td></td>		
adjustable response value delay time (tsd) / for S-tripping / with 121 characteristic 0.05 s adjustable current response value current / for G-tripping / with standard characteristic 30 A • initial value 30 A • full-scale value 150 A adjustable response value delay time (tg) / for G-tripping / with 121 characteristic 0.05 s • minimum 0.05 s • maximum 0.8 s adjustable response value delay time (tg) / for G-tripping / with 121 characteristic 0.05 s • maximum 0.8 s adjustable testing current (InN) / for N-tripping • • maximum 1.6 A adjustable delay time / of S-trip / with 12t characteristic 0.5 s • dajustable current response value current / of instantaneous short-circuit trip unit 225 A • maximum 1600 A design of the N-conductor protection adjustable OFF; 20% to 160% product function / grounding protection Yes total break time / for G-tripping / with standard characteristic 0.05 s • initial value 0.05 s • initial value 0.8 s Mechanical Design No product component No • ing i	• minimum	0.05 s
12i characteristic 0.05 s • minimum 0.06 s adjustable current response value current / for G-tripping / with standard characteristic 30 A • full-scale value 150 A adjustable response value delay time (tg) / for G-tripping / with 12i characteristic 0.05 s • maximum 0.8 s adjustable setting current (InN) / for N-tripping • • maximum 1.6 A adjustable current response value current / of instantaneous short-circuit trip unit 0.5 s • maximum 1.50 A • maximum 1.50 A • design of the N-conductor protection adjustable OFF; 20% to 160% 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 0.05 s • total break time / for G-tripping / with standard characteristic 1.00 A • initial value 0.05 s • full-sca	• maximum	0.5 s
adjustable current response value current / for G-tripping / with 30 A • initial value 30 A • full-scale value 150 A adjustable response value delay time (tg) / for G-tripping / with 0.05 s • initimum 0.05 s • initimum 0.8 s adjustable setting current (InN) / for N-tripping 0.2 A • maximum 0.8 s adjustable delay time / of S-trip / with 12t characteristic 0.5 s adjustable current response value current / of instantaneous short-circuit trip unit 0.22 A • maximum 1.6 A adjustable current response value current / of instantaneous short-circuit trip unit 225 A • minimum 1500 A design of the N-conductor protection adjustable OFF; 20% to 160% product function / grounding protection Yes total break time / for G-tripping / with standard characteristic 0.05 s • initial value 0.05 s • initial value 0.8 s Machanical Design No product component No • indervoltage release No • ing indicator No • leight [in] 7.8 in		
standard characteristic initial value 30 A full-scale value 30 A full-scale value 30 A adjustable response value delay time (tg) / for G-tripping / with 12 characteristic minimum 0.05 s maximum 0.8 s adjustable setting current (InN) / for N-tripping minimum 0.2 A maximum 0.2 A maximum 0.2 A maximum 1.6 A adjustable delay time / of S-trip / with 12t characteristic 0.5 s adjustable delay time / of S-trip / with 12t characteristic 0.5 s adjustable current response value current / of instantaneous short-circuit trip unit minimum 225 A maximum 1500 A design of the N-conductor protection adjustable OFF; 20% to 160% product function / grounding protection vess 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 height [in] 7.8 in height [in] Yupe of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)	minimum	0.05 s
		
• full-scale value 150 A adjustable response value delay time (tg) / for G-tripping / with l/2t characteristic 0.05 s • minimum 0.05 s • maximum 0.8 s adjustable setting current (InN) / for N-tripping 0.2 A • maximum 0.2 A • maximum 1.6 A adjustable delay time / of S-trip / with 12t characteristic 0.5 s adjustable current response value current / of instantaneous short-circuit trip unit 225 A • maximum 1 500 A design of the N-conductor protection adjustable OFF; 20% to 160% 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 0.05 s • full-scale value 0.05 s • oltage release No • undervoltage release No • voltage release No • oltage rigger No • trip indicator No • infini (in] 7.8 in • height (in] 7.8 in • height (in] 4.13 in		20. A
adjustable response value delay time (tg) / for G-tripping / with IZt characteristic 0.05 s • minimum 0.05 s • maximum 0.8 s adjustable setting current (InN) / for N-tripping 0.2 A • maximum 0.2 A • maximum 1.6 A adjustable delay time / of S-trip / with I2t characteristic 0.5 s adjustable current response value current / of instantaneous short-circuit trip unit 0.2 A • minimum 225 A • maximum 1 500 A design of the N-conductor 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 trigger product component No • undervoltage release No • trip indicator No		
12t characteristic 0.05 s • minimum 0.8 s adjustable setting current (InN) / for N-tripping 0.2 A • minimum 0.2 A • maximum 1.6 A adjustable delay time / of S-trip / with 12t characteristic 0.5 s adjustable delay time / of S-trip / with 12t characteristic 0.5 s adjustable current response value current / of instantaneous short-circuit trip unit 225 A • maximum 1500 A design of the N-conductor protection adjustable OFF; 20% to 160% 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 Ves product component No • undervoltage release No • voltage trigger No • trip indicator No height [in] 7.8 in height [in] 4.13 in type of connectable conductor cross-sections / of the round 1x (14 AWG - 1/0)		150 A
• minimum0.05 s• maximum0.8 sadjustable setting current (InN) / for N-tripping		
• maximum0.8 sadjustable setting current (InN) / for N-tripping0.2 A• minimum0.2 A• maximum1.6 Aadjustable delay time / of S-trip / with 12t characteristic0.5 sadjustable current response value current / of instantaneous short-circuit trip unit225 A• minimum225 A• maximum1 500 Adesign of the N-conductor protectionadjustable OFF; 20% to 160%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic0.05 s• initial value0.05 s• full-scale value0.8 sMechanical DesignNo• voltage releaseNo• voltage triggerNo• trip indicatorNoheight [in]7.8 inheight [in]198 mmwidth [in]144 AWG - 1/0)		0.05 s
adjustable setting current (InN) / for N-tripping 0.2 A • maximum 1.6 A adjustable delay time / of S-trip / with I2t characteristic 0.5 s adjustable current response value current / of instantaneous short-circuit trip unit 225 A • maximum 1 500 A design of the N-conductor protection adjustable OFF; 20% to 160% 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 • trip indicator 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)		
• minimum0.2 A• maximum1.6 Aadjustable delay time / of S-trip / with 12t characteristic0.5 sadjustable current response value current / of instantaneous short-circuit trip unit225 A• minimum225 A• maximum1 500 Adesign of the N-conductor protectionadjustable OFF; 20% to 160%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic0.05 s• initial value0.05 s• full-scale value0.8 sMechanical DesignNov oltage releaseNo• trip indicatorNo• trip indicatorNoheight198 mmwidth [in]4.13 intype of connectable conductor cross-sections / of the round1 x (14 AWG - 1/0)		
• maximum1.6 Aadjustable delay time / of S-trip / with 12t characteristic0.5 sadjustable current response value current / of instantaneous short-circuit trip unit225 A• minimum225 A• maximum1 500 Adesign of the N-conductor protectionadjustable OFF; 20% to 160%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic0.05 s• full-scale value0.05 sMechanical Design0.8 sMechanicat DesignNo• trip indicatorNo• trip indicatorNo• trip indicatorNo• trip indicator7.8 inheight198 mmwidth [in]4.13 intype of connectable conductor cross-sections / of the round1 x (14 AWG - 1/0)		0.2 A
adjustable delay time / of S-trip / with 12t characteristic 0.5 s adjustable current response value current / of instantaneous short-circuit trip unit 225 A • maximum 1500 A design of the N-conductor protection adjustable OFF; 20% to 160% product function / grounding protection Yes total break time / for G-tripping / with standard characteristic 0.05 s • full-scale value 0.05 s workanical Design No Product gerelease No • voltage trigger No height [in] 7.8 in height [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)		
adjustable current response value current / of instantaneous short-circuit trip unit • minimum 1500 A design of the N-conductor protection adjustable OFF; 20% to 160% product function / grounding protection Yes 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 height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)		
short-circuit trip unit 225 A • maximum 1 500 A design of the N-conductor protection adjustable OFF; 20% to 160% 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 voltage release • voltage release No • trip indicator No • trip indicator 7.8 in height [in] 7.8 in height [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)		
• maximum1 500 Adesign of the N-conductor protectionadjustable OFF; 20% to 160%product function / grounding protectionYestotal break time / for G-tripping / with standard characteristic0.05 s• initial value0.05 s• full-scale value0.8 sMechanical DesignImage: Standard Characteristic• undervoltage releaseNo• voltage triggerNo• trip indicatorNoheight [in]7.8 inheight [in]4.13 intype of connectable conductor cross-sections / of the round1 x (14 AWG - 1/0)		
design of the N-conductor protection adjustable OFF; 20% to 160% product function / grounding protection Yes 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 height [in] 7.8 in height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)	• minimum	225 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	• maximum	1 500 A
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 0.05 s product component 0.05 s • undervoltage release No • voltage trigger No • trip indicator No height [in] 7.8 in height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)	design of the N-conductor protection	adjustable OFF; 20% to 160%
• initial value 0.05 s • full-scale value 0.8 s Mechanical Design	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 • voltage trigger • trip indicator height [in] 7.8 in height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round	• initial value	0.05 s
product component • undervoltage release • voltage trigger • trip indicator height [in] 7.8 in height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)	• full-scale value	0.8 s
• undervoltage release No • voltage trigger No • trip indicator No height [in] 7.8 in height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)	Mechanical Design	
• voltage trigger No • trip indicator No height [in] 7.8 in height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)	product component	
• trip indicator No height [in] 7.8 in height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)	undervoltage release	No
height [in] 7.8 in height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)	voltage trigger	No
height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)		No
height 198 mm width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)		7.8 in
width [in] 4.13 in type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)		198 mm
type of connectable conductor cross-sections / of the round 1 x (14 AWG - 1/0)		4.13 in
	type of connectable conductor cross-sections / of the round	1 x (14 AWG - 1/0)
	conductor terminal / stranded	

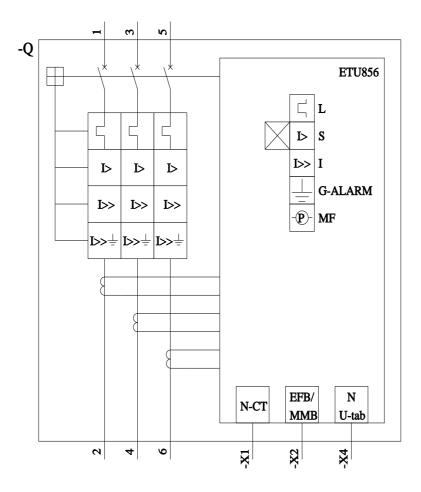
	105 mm				
width	3.39 in	I			
depth [in]	86 mm				
depth Connections	80 11111	_	_		
	t Eront og	apostion			
arrangement of electrical connectors / for main current circuit		Front connection circular conductor terminal on both sides			
type of electrical connection / for main current circuit Auxiliary circuit	Circular				
	0				
number of CO contacts / for auxiliary contacts Accessories	0				
product extension / optional / motor drive	Yes				
Environmental conditions	Tes				
protection class IP / on the front	IP40				
ambient temperature	1F40				
during operation / minimum	-25 °C				
during operation / maximum	-23°C 70 °C				
during storage / minimum	-40 °C				
during storage / maximum	-40°C				
Certificates	80 C				
reference code / according to IEC 81346-2	Q				
certificate of suitability / as approval for NAVAL (no combat	Yes				
vessels) / supplement SB	103				
General Product Approval					
Confirmation		Ē	Miscellaneous	r N r	
(\mathbf{u})	VL)	(VL)		FAL	
ccc	UL	UL		6116	
EMC Declaration of Conformity		Marine / Shipping	other		
EMC Declaration of Conformity		Marine / Shipping	other		
		Marine / Shipping	other <u>Miscellaneous</u>	Confirmation	
	IK	Marine / Shipping		Confirmation	
		Marine / Shipping		Confirmation	
				Confirmation	
				<u>Confirmation</u>	
				<u>Confirmation</u>	
				Confirmation	
				Confirmation	
Dangerous Good				Confirmation	
Dangerous Good				Confirmation	
Dangerous Good				Confirmation	
Dangerous Good				Confirmation	
Image: Dangerous Good Transport Information				Confirmation	
EG-Konf. EG-Konf. Dangerous Good Transport Information	JK A			Confirmation	
EGE EGE EGE Dangerous Good Transport Information Further information Siemens has decided to exit the Russian market (see here https://press.siemens.com/global/en/pressrelease/siemens-weight	IK A	ABS		Confirmation	
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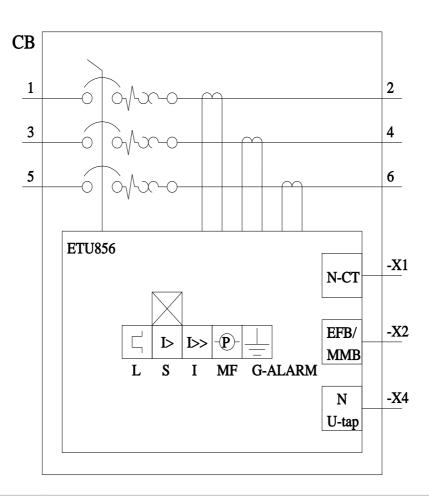












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