## **SIEMENS**

## Data sheet

## 3VA2125-8HM36-0AA0



CIRCUIT BREAKER 3VA2 IEC FRAME 160 BREAKING CAPACITY CLASS L ICU=150KA @ 415 V 3POLE, LINE PROTECTION ETU330, LIG, IN=25A OVERLOAD PROTECTION IR=10A ...25A SHORT CIRCUIT PROTECTION II=1,5...12 X IN GROUNDFAULTPROTECTION IG=0,2... 1 X IN, TG=0,1/0,3MS CABLE CONNECTION

Model						
product brand name		SENTRON				
Product designation		Molded case circuit breaker				
Design of the product	-	Line protection				
Product variations	-	Selective Applications				
Ground fault monitoring version	_	Summation current formation L-conductor				
Design of the auxiliary release	_	without auxiliaryrelease				
Design of the auxiliary switch	-	Without				
Design of the operating mechanism		toggle handle				
Type of the driving mechanism / motor drive	-	No				
Design of the overcurrent release	-	ETU330				
General technical data						
Number of poles		3				
Trip class / of the L-trip / with I2t characteristic / initial value	-	0.5				
Trip class / of the L-trip / with I2t characteristic / Full- scale value		17				
Electrical endurance (switching cycles)	-					
• at AC-1 / at 380/415 V / at 50/60 Hz		12 000				
Total disconnection time / for G-tripping / with standard characteristic / initial value	S	0.1				
Total disconnection time / for G-tripping / with standard characteristic / Full-scale value	S	0.3				
circuit-breaker / Design		3VA				
Mechanical service life (switching cycles) / typical		20 000				

Voltage		
Insulation voltage / Rated value	V	800
Protection class		
Protection class IP	_	IP40
Protection class IP / on the front	-	IP40
Protective function of the overcurrent release	-	LIG
Switching capacity		
Switching capacity class of the circuit breaker		L
Dissipation		
Active power loss		
• maximum	W	0.5
Electricity		
Continuous current / Rated value / maximum	A	160
Continuous current / Rated value	A	25
Adjustable response value current / of the	A	1.5
instantaneous short-circuit release / initial value		
Main circuit		
Operating voltage		
• with AC / at 50/60 Hz / Rated value	V	690
Operating current		
• at 40 °C / Rated value	А	25
● at 50 °C / Rated value	А	25
● at 60 °C / Rated value	А	25
• at 65 °C / Rated value	А	25
• at 70 °C / Rated value	А	25
Auxiliary circuit	_	
Number of NC contacts / for auxiliary contacts	_	0
Number of NO contacts / for auxiliary contacts		0
Suitability		
Suitability for use		system protection
Adjustable parameters		
Adjustable response value current		
• for G-tripping / with standard characteristic /	А	0.6
initial value		
<ul> <li>for G-tripping / with standard characteristic /</li> </ul>	А	1
Full-scale value		
<ul> <li>of I-trip / Full-scale value</li> </ul>	А	12
Adjustable response value current / of the current-	A	0.4
dependent overload release / initial value		

Product componentNo• Trip indicatorNo• displayNo• undervoltage releaseNo• of the circuit breaker with tripping unit / Tripping characteristic adjustableYes• for neutral conductors / upgradeable/retrofittable / Short-circuit and overload proofNoProduct expansion / optional / motor driveYes	Product details		
display display undervoltage releaseNoProduct property of the circuit breaker with tripping unit / Tripping othracteristic adjustable of retural conductors / upgradeable/retrofittable / Short-circuit and overload proofYesProduct expansion / optional / motor driveYesProduct function overload proofYesProduct function our intrinsic device protection o ommunication functionYesProduct function o ther measurement functionNoProtect function o ther measurement functionNoProtect function o ther measurement functionStrates over the supplied basic switchProtect function o ther measurement functionStrates over the supplied basic switchProtect function o ther measurement functionStrates over the supplied basic switchProtect over the supplied basic switchStrates over the supplied basic switchShort circuit current breaking capacity (tes)KA0 end supplied basic switchKA1 at 240 V / Rated value at 650 V / Rated valueKA1 at 240 V / Rated value at 650 V / Rated valueKA1 at 240 V / Rated value at 650 V / Rated valueKA1 at 240 V / Rated value at 650 V / Rated valueKA1 at 240 V / Rated value at 650 V / Rated valueKA1 at 240 V / Rated value at 650 V / Rated valueKA1 at 240 V / Rated value at 650 V / Rated valueKA1 at 240 V / Rated value at 650 V / Rated valueKA1 at 240 V / Rated value at 650 V / Rated valueKA1			
undervoltage releaseNoProduct property• of the circuit breaker with tripping unit / Tripping characteristic adjustableYes• of the circuit breaker with tripping unit / Tripping characteristic adjustableNo• or relutal conductors / upgradeable/retrofittable / Short-circuit and overload proofYesProduct functionYes• Intrinsic device protectionYes• Intrinsic device protectionNo• Orbust standardNo• Orbust standardStandard• Orbust standardKA• Orbust standardKA• Orbust standardKA• Int circ	Trip indicator		No
Product progrey • of the circuit breaker with tripping unit / Tripping characteristic adjustable • for neutral conductors / upgradeable/retrofittable / Short-circuit and overload proofYesProduct expansion / optional / motor driveYesProduct functionNo         • Intrinsic device protection • other measurement functionNo         • Other measurement functionNo         • Other measurement functionStA2/125-8HM36-DAA0         • Short circuitStA2/125-8HM36-DAA0         • Communication functionNo         • at 240 V / Rated valueKA         • at 415 V / Rated valueKA         • at 690 V / Rated valueKA         • at 690 V / Rated valueKA         • at 690 V / Rated valueKA         • at 640 V / Rated value <td>● display</td> <td></td> <td>No</td>	● display		No
• of the circuit breaker with tripping unit / Tripping characteristic adjustableYes• for neutral conductors / upgradeable/introfittable / Short-circuit and overload proofNoProduct expansion / optional / motor driveYesProduct functionYes• Intrinsic device protectionYes• Intrinsic device protectionNo• Ordure function functionNo• Ordure function functionNo• Other measurement functionNo• other measurement functionStort circuit• other measurement functionKA• at 240 V / Rated valueKA• at 240 V / Rated valueKA• at 350 V / Rated valueKA• at 360 V / Rated valueKA• at 240 V / Rated valueKA• at 240 V / Rated valueKA• at 240 V / Rated valueKA• at 360 V / Rated valueKA• at 240 V / Rated valueKA• at 360 V / Rated valueKA	<ul> <li>undervoltage release</li> </ul>		No
characteristic adjustableNo• or neutral conductors / upgradeable/retrofittable / Shont-circuit and overicad proofYes• Product expansion / optional / motor driveYes• Product functionYes• Intrinsic device protectionNo• Intrinsic device protectionNo• Ormunication functionNo• Phase failure detectionNo• other measurement functionNo• Other measurement function3t/At2125.8HM36.0AAO• other measurement function4t/At• other measurement function4t/At• other measurement function3t/At2125.8HM36.0AAO• other measurement functionKA• other measurement function4t/At• other measurement functionKA• other measurement functionKA• other measurement functionKA• other measurement functionKA• other mea	-	-	
characteristic adjustableNo• or neutral conductors / upgradeable/retrofittable / Shont-circuit and overicad proofYes• Product expansion / optional / motor driveYes• Product functionYes• Intrinsic device protectionNo• Intrinsic device protectionNo• Ormunication functionNo• Phase failure detectionNo• other measurement functionNo• Other measurement function3t/At2125.8HM36.0AAO• other measurement function4t/At• other measurement function4t/At• other measurement function3t/At2125.8HM36.0AAO• other measurement functionKA• other measurement function4t/At• other measurement functionKA• other measurement functionKA• other measurement functionKA• other measurement functionKA• other mea			Yes
upgradeable/retrofitable / Short-circuit and       Yes         Product expansion / optional / motor drive       Yes         Product function       Yes         • Intrinsic device protection       No         • Intrinsic device protection       No         • Optimumication function       No         • other measurement function       No         • at 240 V / Rated value       KA       200         • at 240 V / Rated value       KA       150         • at 450 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       160         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value			
overload proofProduct expansion / optional / motor driveYesProduct function• Intrinsic device protectionNo• Intrinsic device protectionNo• Phase failure detectionNo• other measurement functionNo• other measurement functionKA• other measurement functionKA <t< td=""><td>• for neutral conductors /</td><td></td><td>No</td></t<>	• for neutral conductors /		No
Product expansion / optional / motor drive     Yes       Product function     Product function <ul> <li>Intrinsic device protection</li> <li>communication function</li> <li>Phase failure detection</li> <li>other measurement function</li> <li>No</li> </ul> Product function         No <ul> <li>Phase failure detection</li> <li>other measurement function</li> </ul> No           Accessories <ul> <li>Short circuit</li> <li>Communication current breaking capacity (ics)</li> <li>at 240 V / Rated value</li> <li>KA</li> <li>200</li> <li>at 415 V / Rated value</li> <li>KA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>KA</li> <li>150</li> <li>at 500 V / Rated value</li> <li>KA</li> <li>150</li> <li>at 500 V / Rated value</li> <li>KA</li> <li>150</li> <li>at 440 V</li></ul>			
Product function       Product function <ul> <li>Intrinsic device protection</li> <li>communication function</li> <li>Phase failure detection</li> <li>other measurement function</li> </ul> No         Accessories       3VA2125-8HM36-0AA0         Manufacturer article number / of the supplied basic switch       3VA2125-8HM36-0AA0         Short circuit       Operational short-circuit current breaking capacity (los) <ul> <li>at 240 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 500 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 400 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 400 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 500 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>24</li> </ul>		_	
Product function       Intrinsic device protection       Yes         • communication function       No         • Phase failure detection       No         • other measurement function       No         • other measurement function       No         Accessories       3VA2125-8HM36-0AA0         Manufacturer article number / of the supplied basic switch       3VA2125-8HM36-0AA0         Short circuit       Operational short-circuit current breaking capacity (Ics)         • at 240 V / Rated value       KA       200         • at 415 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       160         • at 400 V / Rated value       KA       160         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 400 V / Rated value       KA       150         • at 600 V / Rated value       KA       24         Short-circ	Product expansion / optional / motor drive		Yes
Intrinsic device protectionYes.communication functionNo.Phase failure detectionNo.other measurement functionNoAccessories3VA2125-8HM36-0AA0Manufacturer article number / of the supplied basic switch3VA2125-8HM36-0AA0Short circuitShort circuitCorrectionVersion (Correction).other measurement functionVersion (Correction).other measurement functionSVA2125-8HM36-0AA0Short circuitState (Correction).other measurement functionSVA2125-8HM36-0AA0.other measurement functionKA.other measurem	Product function		
<ul> <li>communication function</li> <li>No</li> <li>Phase failure detection</li> <li>other measurement function</li> <li>No</li> <li>Accessories</li> <li>Manufacturer article number / of the supplied basic switch</li> <li>Stort circuit</li> <li>Short circuit current breaking capacity (Ics)</li> <li>at 240 V / Rated value</li> <li>kA</li> <li>440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 400 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 415 V / Rated value</li> <li>kA</li> <li>150</li> <li></li></ul>	Product function		
Phase failure detectionNo• other measurement functionNoAccessoriesManufacturer article number / of the supplied basic switchSVA2125-8HM36-0AA0Shore circuitStream of the supplied basic switchSVA2125-8HM36-0AA0Operational short-circuit current breaking capacity (tcs)Image: CircuitOperational short-circuit current breaking capacity (tcs)KA200• at 240 V / Rated valueKA150• at 440 V / Rated valueKA150• at 690 V / Rated valueKA150• at 690 V / Rated valueKA150• at 690 V / Rated valueKA150• at 240 V / Rated valueKA150• at 690 V / Rated valueKA200• at 240 V / Rated valueKA150• at 240 V / Rated valueKA200• at 240 V / Rated valueKA150• at 440 V / Rated valueKA150• at 450 V / Rated valueKA130• at 690 V / Rated valueKA330• at 240 V / Rated valueKA330• at 440 V / Rated valueKA330• at 440 V / Rated valueKA330• at 440 V / Rated valueKA3	<ul> <li>Intrinsic device protection</li> </ul>		Yes
• other measurement functionNoAncessoriesSVA2125-8HM36-0AA0Manufacturer article number / of the supplied basic switchSVA2125-8HM36-0AA0Operational short-circuit current breaking capacity (tcs)SVA2125-8HM36-0AA0• at 240 V / Rated valueKA200• at 240 V / Rated valueKA150• at 415 V / Rated valueKA150• at 440 V / Rated valueKA150• at 690 V / Rated valueKA150• at 690 V / Rated valueKA160• at 690 V / Rated valueKA160• at 690 V / Rated valueKA18Maximum short-circuit current breaking capacity (Icu)•• at 240 V / Rated valueKA150• at 415 V / Rated valueKA200• at 440 V / Rated valueKA150• at 440 V / Rated valueKA150• at 440 V / Rated valueKA130• at 440 V / Rated valueKA300• at 240 V / Rated valueKA24• at 500 V / Rated valueKA24	<ul> <li>communication function</li> </ul>		No
Accessories         Manufacturer article number / of the supplied basic switch       3VA2125-8HM36-0AA0         Short circuit       Short circuit current breaking capacity (ics)       at 240 V / Rated value       kA         • at 240 V / Rated value       kA       150         • at 415 V / Rated value       kA       150         • at 440 V / Rated value       kA       150         • at 400 V / Rated value       kA       150         • at 400 V / Rated value       kA       150         • at 690 V / Rated value       kA       100         • at 240 V / Rated value       kA       160         • at 690 V / Rated value       kA       100         • at 240 V / Rated value       kA       150         • at 400 V / Rated value       kA       100         • at 400 V / Rated value       kA       150         • at 415 V / Rated value       kA       150         • at 400 V / Rated value       kA       24         Short-circuit current making capacity (Icm)	<ul> <li>Phase failure detection</li> </ul>		No
Manufacturer article number / of the supplied basic switch       3VA2125-8HM36-0AA0         Short circuit       Operational short-circuit current breaking capacity (ics)       4         • at 240 V / Rated value       KA       200         • at 415 V / Rated value       KA       150         • at 440 V / Rated value       KA       150         • at 440 V / Rated value       KA       150         • at 400 V / Rated value       KA       100         • at 690 V / Rated value       KA       100         • at 690 V / Rated value       KA       100         • at 240 V / Rated value       KA       100         • at 690 V / Rated value       KA       100         • at 400 V / Rated value       KA       100         • at 415 V / Rated value       KA       150         • at 415 V / Rated value       KA       150         • at 415 V / Rated value       KA       100         • at 400 V / Rated value       KA       100         • at 690 V / Rated value       KA       24         Short-circuit current making capacity (lcm)	<ul> <li>other measurement function</li> </ul>		No
Manufacturer article number / of the supplied basic switch       3VA2125-8HM36-0AA0         Short circuit       Operational short-circuit current breaking capacity (ics)       4         • at 240 V / Rated value       KA       200         • at 415 V / Rated value       KA       150         • at 440 V / Rated value       KA       150         • at 440 V / Rated value       KA       150         • at 400 V / Rated value       KA       100         • at 690 V / Rated value       KA       100         • at 690 V / Rated value       KA       100         • at 240 V / Rated value       KA       100         • at 690 V / Rated value       KA       100         • at 400 V / Rated value       KA       100         • at 415 V / Rated value       KA       150         • at 415 V / Rated value       KA       150         • at 415 V / Rated value       KA       100         • at 400 V / Rated value       KA       100         • at 690 V / Rated value       KA       24         Short-circuit current making capacity (lcm)	Accessories		
Short circuitOperational short-circuit current breaking capacity (ics)KA• at 240 V / Rated valueKA200• at 240 V / Rated valueKA150• at 415 V / Rated valueKA150• at 440 V / Rated valueKA150• at 690 V / Rated valueKA100• at 690 V / Rated valueKA18Maximum short-circuit current breaking capacity (lcu)V• at 240 V / Rated valueKA150• at 440 V / Rated valueKA150• at 690 V / Rated valueKA100• at 400 V / Rated valueKA300• at 690 V / Rated valueKA330• at 240 V / Rated valueKA330• at 240 V / Rated valueKA24			3VA2125-8HM36-0AA0
Operational short-circuit current breaking capacity (Ics)KA200• at 240 V / Rated valueKA150• at 415 V / Rated valueKA150• at 440 V / Rated valueKA150• at 440 V / Rated valueKA100• at 500 V / Rated valueKA100• at 690 V / Rated valueKA100• at 690 V / Rated valueKA100• at 690 V / Rated valueKA150• at 440 V / Rated valueKA150• at 240 V / Rated valueKA150• at 240 V / Rated valueKA150• at 440 V / Rated valueKA150• at 440 V / Rated valueKA100• at 690 V / Rated valueKA100• at 690 V / Rated valueKA300• at 240 V / Rated valueKA24Short-circuit current making capacity (Icm)• at 240 V / Rated valueKA330• at 240 V / Rated valueKA330• at 440 V / Rated valueKA220	switch		
Operational short-circuit current breaking capacity (Ics)KA200• at 240 V / Rated valueKA150• at 415 V / Rated valueKA150• at 440 V / Rated valueKA150• at 440 V / Rated valueKA100• at 500 V / Rated valueKA100• at 690 V / Rated valueKA100• at 690 V / Rated valueKA100• at 690 V / Rated valueKA150• at 440 V / Rated valueKA150• at 240 V / Rated valueKA150• at 240 V / Rated valueKA150• at 440 V / Rated valueKA150• at 440 V / Rated valueKA100• at 690 V / Rated valueKA100• at 690 V / Rated valueKA300• at 240 V / Rated valueKA24Short-circuit current making capacity (Icm)• at 240 V / Rated valueKA330• at 240 V / Rated valueKA330• at 440 V / Rated valueKA220	Short circuit		
• at 240 V / Rated value       KA       200         • at 415 V / Rated value       KA       150         • at 440 V / Rated value       KA       150         • at 440 V / Rated value       KA       100         • at 690 V / Rated value       KA       18         • at 690 V / Rated value       KA       200         • at 690 V / Rated value       KA       200         • at 240 V / Rated value       KA       200         • at 440 V / Rated value       KA       150         • at 440 V / Rated value       KA       150         • at 440 V / Rated value       KA       150         • at 440 V / Rated value       KA       150         • at 450 V / Rated value       KA       160         • at 500 V / Rated value       KA       24         • at 690 V / Rated value       KA       100         • at 420 V / Rated value       KA       440         • at 420 V / Rated value       KA       300         • at 440 V / Rated value       KA       330         • at 440 V / Rated value       KA       320			
Initial functionKA150• at 415 V / Rated valueKA150• at 440 V / Rated valueKA150• at 500 V / Rated valueKA100• at 690 V / Rated valueKA18Maximum short-circuit current breaking capacity (Icu)-• at 240 V / Rated valueKA200• at 440 V / Rated valueKA150• at 440 V / Rated valueKA150• at 440 V / Rated valueKA150• at 500 V / Rated valueKA24• at 690 V / Rated valueKA24• at 690 V / Rated valueKA330• at 440 V / Rated valueKA330• at 500 V / Rated valueKA330• at 440 V / Rated valueKA330• at 440 V / Rated valueKA330• at 500 V / Rated valueKA320• at 500 V	(Ics)		
<ul> <li>at 440 V / Rated value</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 500 V / Rated value</li> <li>kA</li> <li>100</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>18</li> </ul> Maximum short-circuit current breaking capacity (Icu) <ul> <li>at 240 V / Rated value</li> <li>kA</li> <li>200</li> <li>at 415 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>100</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>100</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>100</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>24</li> </ul> Short-circuit current making capacity (Icm) <ul> <li>at 240 V / Rated value</li> <li>kA</li> <li>440 V / Rated value</li> <li>kA</li> <li>330</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>330</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>320</li> </ul>	• at 240 V / Rated value	kA	200
<ul> <li>at 100 V / Rated value</li> <li>at 500 V / Rated value</li> <li>kA</li> <li>100</li> <li>kA</li> <li>18</li> </ul> Maximum short-circuit current breaking capacity (Icu) <ul> <li>at 240 V / Rated value</li> <li>kA</li> <li>200</li> <li>at 415 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>at 500 V / Rated value</li> <li>kA</li> <li>100</li> <li>at 500 V / Rated value</li> <li>kA</li> <li>100</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>130</li> </ul>	• at 415 V / Rated value	kA	150
kA18Maximum short-circuit current breaking capacity (Icu)• at 240 V / Rated valuekA200• at 415 V / Rated valuekA150• at 440 V / Rated valuekA150• at 440 V / Rated valuekA150• at 690 V / Rated valuekA24• at 690 V / Rated valuekA24• at 690 V / Rated valuekA30• at 240 V / Rated valuekA330• at 240 V / Rated valuekA330• at 240 V / Rated valuekA330• at 415 V / Rated valuekA330• at 440 V / Rated valuekA330• at 440 V / Rated valuekA320	• at 440 V / Rated value	kA	150
Maximum short-circuit current breaking capacity (Icu)KA200• at 240 V / Rated valuekA150• at 415 V / Rated valuekA150• at 440 V / Rated valuekA150• at 500 V / Rated valuekA100• at 690 V / Rated valuekA24Short-circuit current making capacity (Icm)	• at 500 V / Rated value	kA	100
• at 240 V / Rated value       kA       200         • at 415 V / Rated value       kA       150         • at 440 V / Rated value       kA       150         • at 440 V / Rated value       kA       100         • at 500 V / Rated value       kA       24         • at 690 V / Rated value       kA       24         • at 240 V / Rated value       kA       440         • at 240 V / Rated value       kA       330         • at 440 V / Rated value       kA       330         • at 440 V / Rated value       kA       320	• at 690 V / Rated value	kA	18
• at 415 V / Rated valuekA150• at 440 V / Rated valuekA150• at 500 V / Rated valuekA100• at 690 V / Rated valuekA24• at 690 V / Rated valuekA440• at 240 V / Rated valuekA330• at 415 V / Rated valuekA330• at 440 V / Rated valuekA330• at 440 V / Rated valuekA320	Maximum short-circuit current breaking capacity (Icu)		
<ul> <li>at 440 V / Rated value</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>150</li> <li>kA</li> <li>100</li> <li>at 690 V / Rated value</li> <li>kA</li> <li>24</li> </ul> Short-circuit current making capacity (Icm) <ul> <li>at 240 V / Rated value</li> <li>kA</li> <li>440</li> <li>at 415 V / Rated value</li> <li>kA</li> <li>330</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>330</li> <li>at 500 V / Rated value</li> <li>kA</li> <li>220</li> </ul>	• at 240 V / Rated value	kA	200
• at 500 V / Rated value       kA       100         • at 690 V / Rated value       kA       24         • at 690 V / Rated value       kA       440         • at 240 V / Rated value       kA       330         • at 415 V / Rated value       kA       330         • at 440 V / Rated value       kA       220	• at 415 V / Rated value	kA	150
• at 690 V / Rated valuekA24Short-circuit current making capacity (Icm)-• at 240 V / Rated valuekA440• at 415 V / Rated valuekA330• at 440 V / Rated valuekA330• at 500 V / Rated valuekA220	• at 440 V / Rated value	kA	150
Short-circuit current making capacity (Icm)Image: Comparison of the state of the sta	• at 500 V / Rated value	kA	100
• at 240 V / Rated valuekA440• at 415 V / Rated valuekA330• at 440 V / Rated valuekA330• at 500 V / Rated valuekA220	• at 690 V / Rated value	kA	24
<ul> <li>at 415 V / Rated value</li> <li>at 440 V / Rated value</li> <li>kA</li> <li>330</li> <li>kA</li> <li>330</li> <li>kA</li> <li>220</li> </ul>	Short-circuit current making capacity (Icm)		
<ul> <li>at 440 V / Rated value</li> <li>kA 330</li> <li>at 500 V / Rated value</li> <li>kA 220</li> </ul>	• at 240 V / Rated value	kA	440
• at 500 V / Rated value kA 220	• at 415 V / Rated value	kA	330
	• at 440 V / Rated value	kA	330
	• at 500 V / Rated value	kA	220
		kA	48

Connections					
Arrangement of electrical connectors / for main		Front termin	al		
current circuit					
Type of connectable conductor cross-section					
<ul> <li>of the round conductor terminal / stranded</li> </ul>		1 x (6-120 m	nm²)		
Type of electrical connection / for main current circuit		Box termina	l		
Mechanical Design					
Height	mm	181			
Width	mm	105	105		
Depth	mm	107	107		
Mounting type		fixed mounting			
Environmental conditions					
Ambient temperature					
<ul> <li>during operation / minimum</li> </ul>	°C	-25			
<ul> <li>during operation / maximum</li> </ul>	°C	70	70		
<ul> <li>during storage / minimum</li> </ul>	°C	-40	-40		
<ul> <li>during storage / maximum</li> </ul>	°C	80	80		
Certificates		<u> </u>			
Equipment marking					
• acc. to DIN EN 61346-2		Q			
• acc. to DIN EN 81346-2		Q			
General Product Approval	E	ИС	Declaration of Conformity	other	
		other	( 6	other	
			EG-Konf.		

## Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA21258HM360AA0

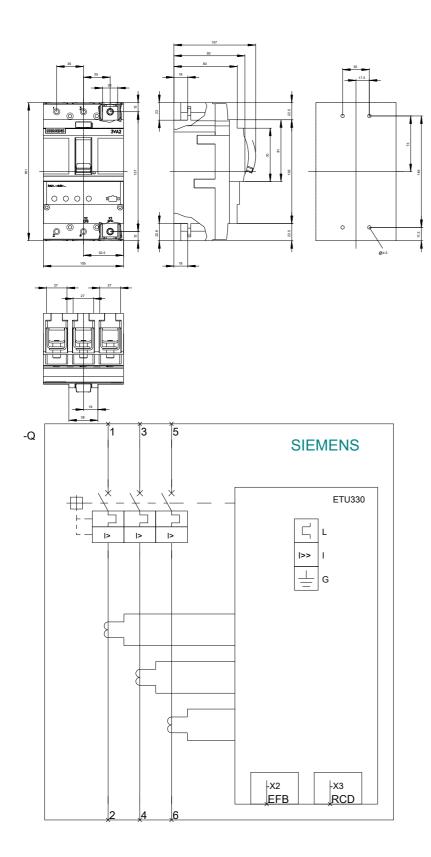
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3VA21258HM360AA0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA21258HM360AA0

CAx-Online-Generator http://www.siemens.com/cax

Tender specifications

http://ausschreibungstexte.siemens.com/tiplv



last modified:

11.03.2015