



circuit breaker 3VA2 IEC frame 1000 breaking capacity class M Icu=55kA @ 415V 3-pole, motor protection ETU350M, LSI, In=800A overload protection Ir=320A...800A short-circuit protection Isd=3...15 x Ir, li=15 x In nut keeper kit

Model	
product brand name	SETRON
product designation	Molded case circuit breaker
Product version	Motor protection
design of the overcurrent release	ETU350M
protection function of the overcurrent release	LSI
number of poles	3
General technical data	
rated insulation voltage Ui	800 V
operating power / at AC-3 / at 400 V	355 000 W
operating power / at AC-3 / at 230 V	200 000 W
power loss [W] / maximum	210 W
Active power loss / for rated value of the current / at AC / in hot operating state / per pole	70 W
mechanical service life (switching cycles) / typical	10 000
Electrical endurance (switching cycles) / at AC-1 / at 380/415 V 50/60 Hz	4 600
Electrical endurance (switching cycles) / at AC-1 / at 690 V 50/60 Hz	3 200
Neutral conductors / upgradeable/retrofitable	No
ground-fault monitoring version	Without
product function	
• communication function	No
• phase failure detection	Yes
• other measurement function	No
Current	
Max. rated operational current of the frame size	1 000 A
Courant permanent assigné Iu	800 A
operational current	
• at 40 °C	800 A
• at 45 °C	800 A
• at 50 °C	800 A
• at 55 °C	800 A
• at 60 °C	800 A
• at 65 °C	767 A
• at 70 °C	703 A
Switching capacity according to IEC 60947	
switching capacity class of the circuit breaker	M

breaking capacity maximum short-circuit current (I _{cu})			
• at 240 V		85 kA	
• at 415 V		55 kA	
• at 440 V		55 kA	
• at 500 V		36 kA	
• at 690 V		25 kA	
breaking capacity operating short-circuit current (I _{cs})			
• at 240 V		85 kA	
• at 415 V		55 kA	
• at 440 V		55 kA	
• at 500 V		36 kA	
• at 690 V		19 kA	
short-circuit current making capacity (I _{cm})			
• at 240 V		187 kA	
• at 415 V		121 kA	
• at 440 V		121 kA	
• at 500 V		75.6 kA	
• at 690 V		52.5 kA	
Adjustable parameters			
Adjustable response value current / I _i min.		12 000 A	
Adjustable response value current / I _i max.		12 000 A	
Ground fault protection / tripping switchable / I _{2t} =ON/OFF		No	
Mechanical Design			
height [in]		12.6 in	
Height		320 mm	
width [in]		8.27 in	
Width		210 mm	
depth [in]		4.72 in	
depth		120 mm	
Connections			
arrangement of electrical connectors / for main current circuit		Front terminal	
type of electrical connection / for main current circuit		on both sides nut keeper kit	
Type of connectable conductor cross-section, connection screw, width x thickness , min.		20 x 4 mm	
Auxiliary circuit			
product component			
• undervoltage release		No	
• voltage trigger		No	
• trip indicator		No	
number of CO contacts / for auxiliary contacts		0	
Accessories			
product extension / optional / motor drive		No	
Environmental conditions			
protection class IP / on the front		IP40	
ambient temperature			
• during operation / minimum		-25 °C	
• during operation / maximum		70 °C	
• during storage / minimum		-40 °C	
• during storage / maximum		80 °C	
Certificates			
reference code / acc. to IEC 81346-2		Q	
General Product Approval		EMC	Declaration of Conformity



[Miscellaneous](#)



[UK Declaration of Conformity](#)

Declaration of Conformity	Test Certificates	Marine / Shipping			
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EG-Konf.

[Type Test Certificates/Test Report](#)

[Miscellaneous](#)

[Special Test Certificate](#)



URS

[CCS / China Classification Society](#)

Marine / Shipping	other
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[Miscellaneous](#)

[Miscellaneous](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA2580-5MN32-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA2580-5MN32-0AA0>

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

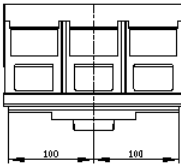
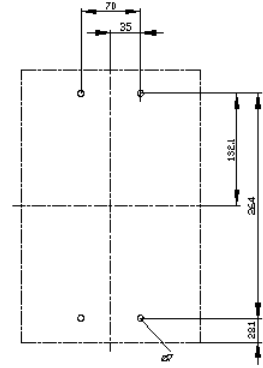
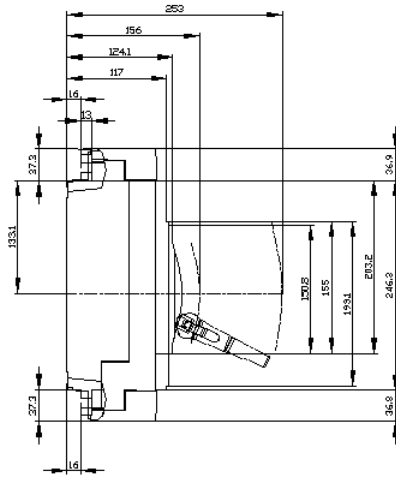
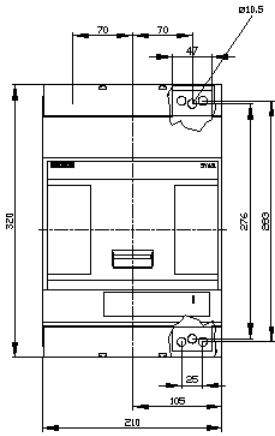
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2580-5MN32-0AA0

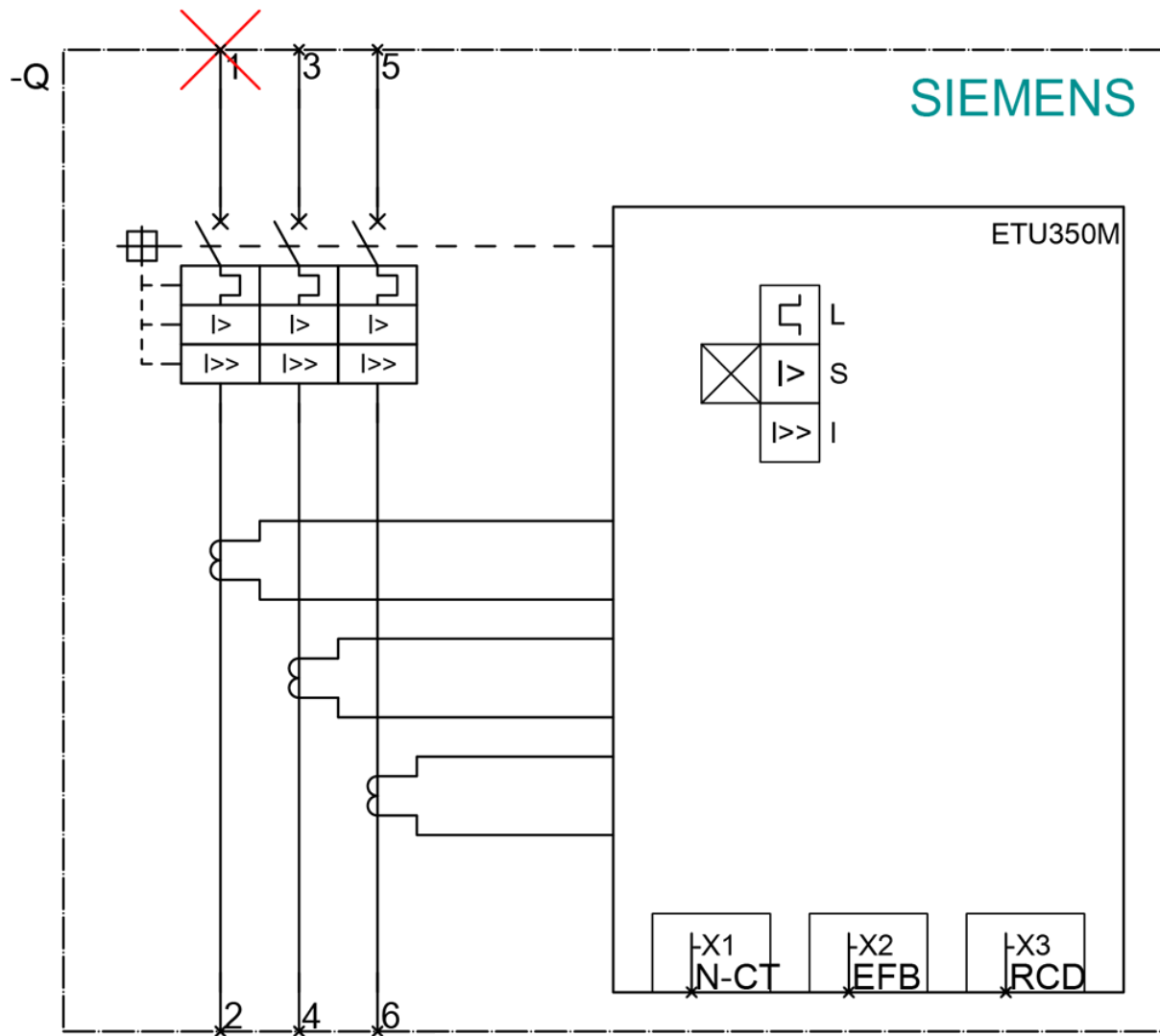
CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>





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