## 3VA6440-1MS35-0AA0

**Data sheet** 



circuit breaker 3VA6 UL frame 600 max short-circuit curr. rating 100kA @ 480V w/o contactor 3-pole,motor starter protection ETU310M, I, In=400A without overload protection short circuit protection Ii=3...13 x In Al-lug, line side

Model	
product brand name	SENTRON
product designation	Molded-case circuit breaker
product designation / according to UL file	CLAR
Product version	Starter protection
design of the load switch / acc. to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type)	Yes
design of the overcurrent release	ETU310M
protection function of the overcurrent release	I
number of poles	3
General technical data	
Tension assignée d'isolement Ui	600 V
power loss [W] / maximum	70 W
Active power loss / for rated value of the current / at AC / in hot operating state / per pole	23.33 W
mechanical service life (operating cycles) / typical	15 000
Electrical endurance (switching cycles) / at AC-1 / at 380/415 V 50/60 Hz	4 000
Electrical endurance (switching cycles) / at AC-1 / at 690 V 50/60 Hz	2 500
electrical endurance (switching cycles) / at 480 V	4 000
electrical endurance (switching cycles) / at 600 V	3 000
Neutral conductors / upgradeable/retrofittable	No
ground-fault monitoring version	Without
product function	
<ul> <li>communication function</li> </ul>	No
<ul> <li>phase failure detection</li> </ul>	No
<ul> <li>other measurement function</li> </ul>	No
Current	
marking / acc. to UL 489 / 100%-rated breaker	No
operational current	
● at 65 °C	400 A
• at 70 °C	400 A
Adjustable parameters	
Adjustable response value current / li min.	1 200 A
Adjustable response value current / li max.	5 200 A
Ground fault protection / tripping switchable / I2t=ON/OFF	No

Mechanical Design	
height [in]	9.8 in
Height	248 mm
width [in]	5.4 in
Width	138 mm
depth [in]	4.3 in
depth	110 mm
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	0
Accessories	
product extension / optional / motor drive	Yes
Environmental conditions	
protection class IP / on the front	IP40
ambient temperature	
<ul><li>during operation / minimum</li></ul>	-25 °C
<ul><li>during operation / maximum</li></ul>	70 °C
<ul><li>during storage / minimum</li></ul>	-40 °C
<ul><li>during storage / maximum</li></ul>	80 °C
Certificates	
reference code / acc. to IEC 81346-2	Q
certificate of suitability / as approval for NAVAL (no combat vessels) / supplement SB	Yes
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=3VA6440-1MS35-0AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3VA6440-1MS35-0AA0

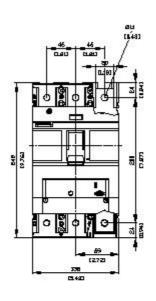
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> en.aspx?mlfb=3VA6440-1MS35-0AA0

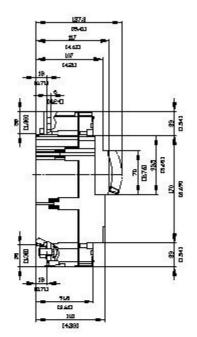
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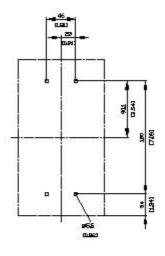
http://www.siemens.com/cax

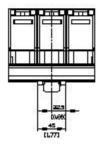
**Tender specifications** 

http://www.siemens.com/specifications









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