# SIEMENS

### Data sheet

## 3VA4140-5ED34-0AA0



circuit breaker 3VA4 UL frame 125 breaking capacity class M 35kA @ 480 V 3-pole, line protection TM210, FTFM, In=40A overload protection Ir=40A fixed short-circuit protection li=10 x In clamp connection

Model	
product brand name	SENTRON
product designation	Molded-case circuit breaker
product designation / according to UL file	MEAB
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 load switch / according to UL 489 / High-Intensity- Discharge circuit breaker (HID Type)	No
design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)	No
design of the overcurrent release	TM210
protection function of the overcurrent release	LI
number of poles	3
General technical data	
operating voltage / at AC / rated value	690 V
power loss [W] / maximum	10.6 W
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	3.53 W
mechanical service life (operating cycles) / typical	15 000
electrical endurance (operating cycles) / at 480 V	8 000
electrical endurance (operating cycles) / at 600 V	4 000
product feature / for neutral conductors / upgradable/retrofittable / short-circuit and overload proof	No
ground-fault monitoring version	Without
product function	
<ul> <li>communication function</li> </ul>	No
<ul> <li>other measurement function</li> </ul>	No
Net Weight	0.743 kg
Current	
marking / according to UL 489 / 100%-rated breaker	No
operational current	
• at 40 °C	40 A
• at 45 °C	39 A
● at 50 °C	39 A
● at 55 °C	38 A
● at 60 °C	37 A
● at 65 °C	36 A
● at 70 °C	36 A
Switching capacity according to IEC 60947	
switching capacity class of the circuit breaker	Μ
design of short-circuit protection	For switching power values in DC networks, see the 3VA molded case circuit

chapter
85 kA
35 kA
35 kA
18 kA
1 s
1 s
No
No
No
No
5.09 in
129.4 mm
3 in
76.2 mm
2.96 in
75.1 mm
output side: circular conductor connection
Infeed side: Low tab
Tin
0
No
IP40
-25 °C
70 °C
-40 °C
80 °C
EMC other
Miscellaneous RCM

other

**Confirmation** 

Miscellaneous

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

#### Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3VA4140-5ED34-0AA0

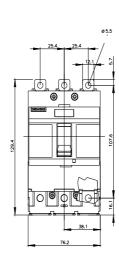
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3VA4140-5ED34-0AA0

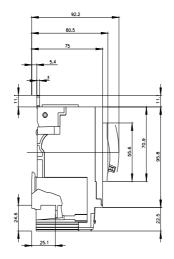
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA4140-5ED34-0AA0

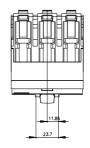
CAx-Online-Generator http://www.siemens.com/cax

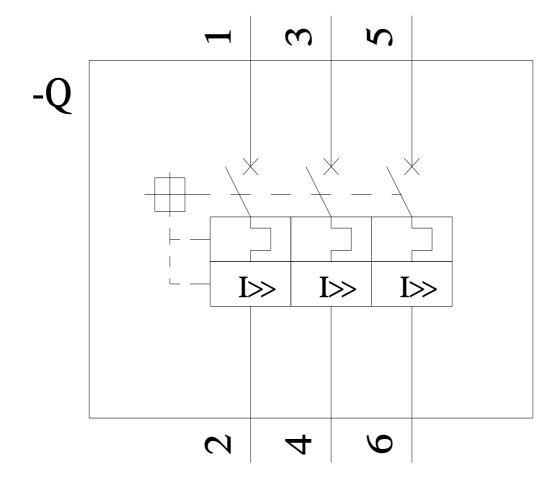
**Tender specifications** 

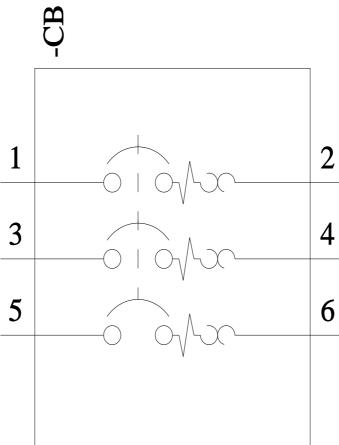
http://www.siemens.com/specifications











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