



CIRCUIT BREAKER 3VA2 IEC FRAME 160 BREAKING CAPACITY CLASS M ICU=55KA @ 415 V 3POLE, LINE PROTECTION ETU850, LSI, IN=100A OVERLOAD PROTECTION IR=40A ...100A SHORT CIRCUIT PROTECTION ISD=0,6..10X IN, II=1,5..12X IN NEUTRAL PROTECTION OPTIONAL WITH EXT. CT,UPTO 160% CABLE CONNECTION

Similar to image

General technical data:		
product brand name		SENTRON
Product designation		Molded Case Circuit Breakers
Acceptability for application		system protection
Design of the product		Line Protection
Product function	• communication function	Yes
	• other measurement function	Yes
Product component / display		Yes
Design of the overcurrent release		ETU850
Protective function of the overcurrent release		LSI
Product property / for zero conductors / up/downgradable / short-circuit and overload protection		Yes
Continuous current / rated value	A	100
Operating voltage		
	• at 50/60 Hz / for AC / rated value	V 690
Insulation voltage / rated value	V	800
Number of poles		3
Active power loss / maximum	W	25.5

Switching capacity class of the circuit breaker		M
Protection class IP / on the front		IP40

Motor rating data:

Product function / phase disturbance recognition

No

Schaltvermögen:

Breaking capacity limit short-circuit current (I_{cu})

- at 240 V / rated value
- at 415 V / rated value
- at 690 V / rated value

kA 85
kA 55
kA 2.5

Breaking capacity operating short-circuit current (I_{cs})

- at 240 V / rated value
- at 415 V / rated value
- at 690 V / rated value

kA 85
kA 55
kA 2.5

Ultimate short-circuit current making capacity (I_{cm})

- at 240 V / rated value
- at 415 V / rated value
- at 690 V / rated value

kA 187
kA 121
kA 3.75

Overcurrent Release:

Adjustable response current

- of the current-dependent overload release
- of the non-delayed short-circuit release / initial value

A 0.4 ... 1
A 1.5

Settable current response value

- of S-trip
- with standard characteristic

A 0.6 ... 10

Adjustable response current

- of the short-time delayed short-circuit release

A 0.6 ... 10

Settable delay / of the S-trip

- with standard characteristic
- with I²t characteristic

s 0.05 ... 0.5
s 0.05 ... 0.5

Settable current response value / of I-trip / end value

A 12

Connections:

Design of the electrical connection

- for main current circuit

Frame terminal

Control circuit:

Number of changeover contacts

- for auxiliary contacts

0

Product component

• undervoltage release mechanism		No
• Voltage trigger		No
• undervoltage release with leading contact		No
• trip indicator		No
Manufacturer article number		
• 3 of the integrated auxiliary switch /alarm switch		
• of integrated auxiliary trip		

Ambient conditions:

Ambient temperature

• during operating	°C	-25 ... +70
• during storage	°C	-40 ... +80

Dimensions and weights:

Width	mm	105
Height	mm	181
Depth	mm	107
Net weight	g	2,450

Lebensdauer:

Mechanical operating cycles as operating time / typical		20,000
Reference code / according to DIN EN 61346-2		Q

Certificates/approvals:

Declaration of Conformity

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/3VA2110-5KP36-0AA0>

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

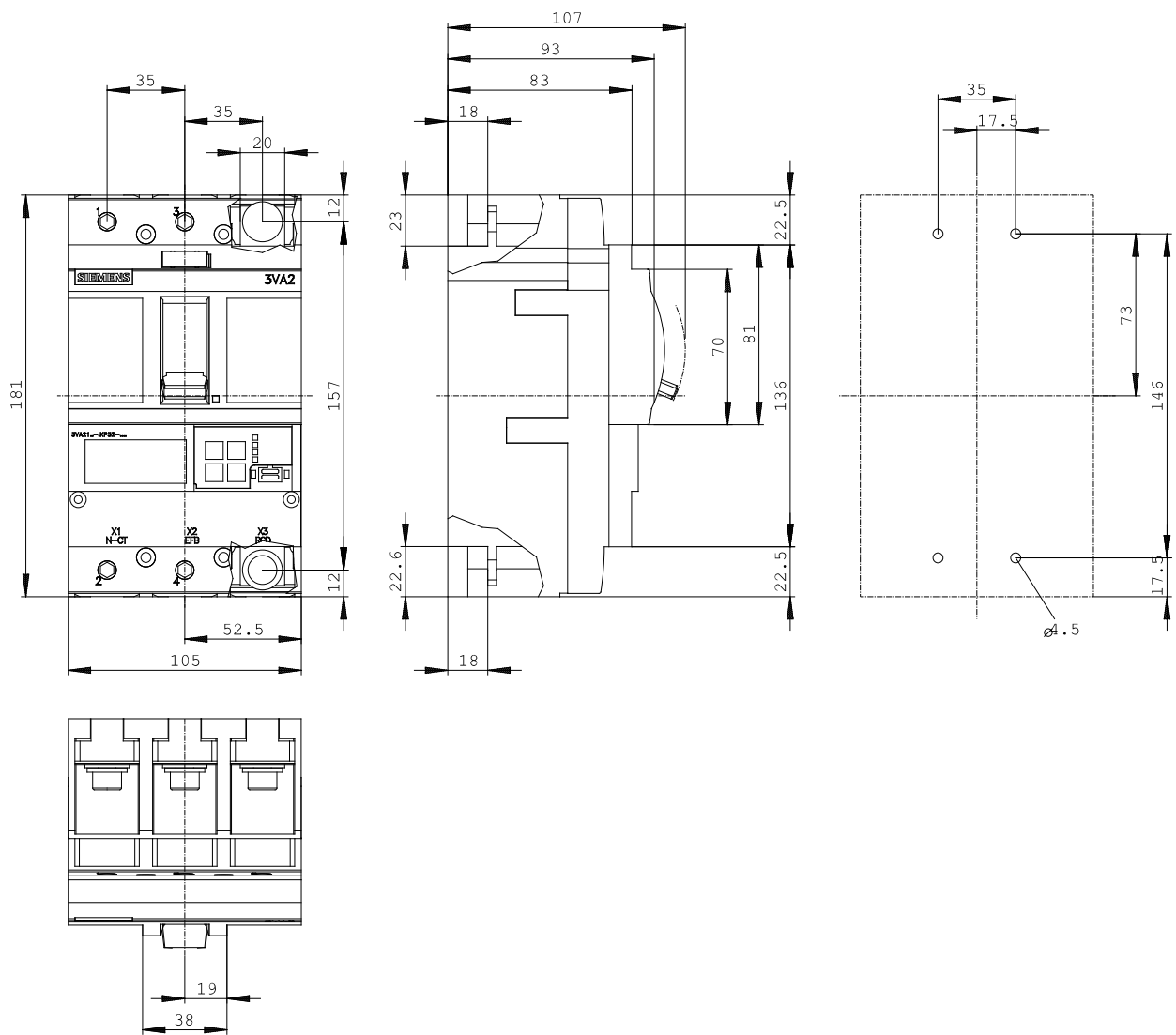
<http://support.automation.siemens.com/WW/view/en/3VA2110-5KP36-0AA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2110-5KP36-0AA0

CAX-Online-Generator

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



last change:

May 14, 2014