



CIRCUIT BREAKER 3VA2 IEC FRAME 100 BREAKING CAPACITY CLASS M ICU=55KA @ 415 V 3POLE, LINE PROTECTION ETU350, LSI, IN=40A OVERLOAD PROTECTION IR=16A ...40A SHORT CIRCUIT PROTECTION ISD=1,5... 10 X IR, II=12 X IN BUSBAR 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	No
	• other measurement function	No
Product component / display		No
Design of the overcurrent release		ETU350
Protective function of the overcurrent release		LSI
Product property / for zero conductors / up/downgradable / short-circuit and overload protection		No
Continuous current / rated value	A	40
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	13.5

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

Motor rating data:

Product function / phase disturbance recognition		No
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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 kA kA	85 55 2
Breaking capacity operating short-circuit current (I_{cs}) • at 240 V / rated value • at 415 V / rated value • at 690 V / rated value	kA kA kA	85 55 2
Ultimate short-circuit current making capacity (I_{cm}) • at 240 V / rated value • at 415 V / rated value • at 690 V / rated value	kA kA kA	187 121 3

Overcurrent Release:

Adjustable response current • of the current-dependent overload release • of the non-delayed short-circuit release / initial value	A A	0.4 ... 1 12
Adjustable response current • of the short-time delayed short-circuit release	A	1.5 ... 10
Settable delay / of the S-trip • with I²t characteristic	s	0.02 ... 0.4
Settable current response value / of I-trip / end value	A	12

Connections:

Design of the electrical connection • for main current circuit		Lug Terminal
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Control circuit:

Number of changeover contacts • for auxiliary contacts		0
Product component • undervoltage release mechanism • Voltage trigger • undervoltage release with leading contact • trip indicator		No No No No

Manufacturer article number

- 3 of the integrated auxiliary switch /alarm switch
- of integrated auxiliary trip

Ambient conditions:**Ambient temperature**

- during operating
- during storage

°C -25 ... +70

°C -40 ... +80

Dimensions and weights:**Width**

mm 105

Height

mm 181

Depth

mm 107

Net weight

g 2,280

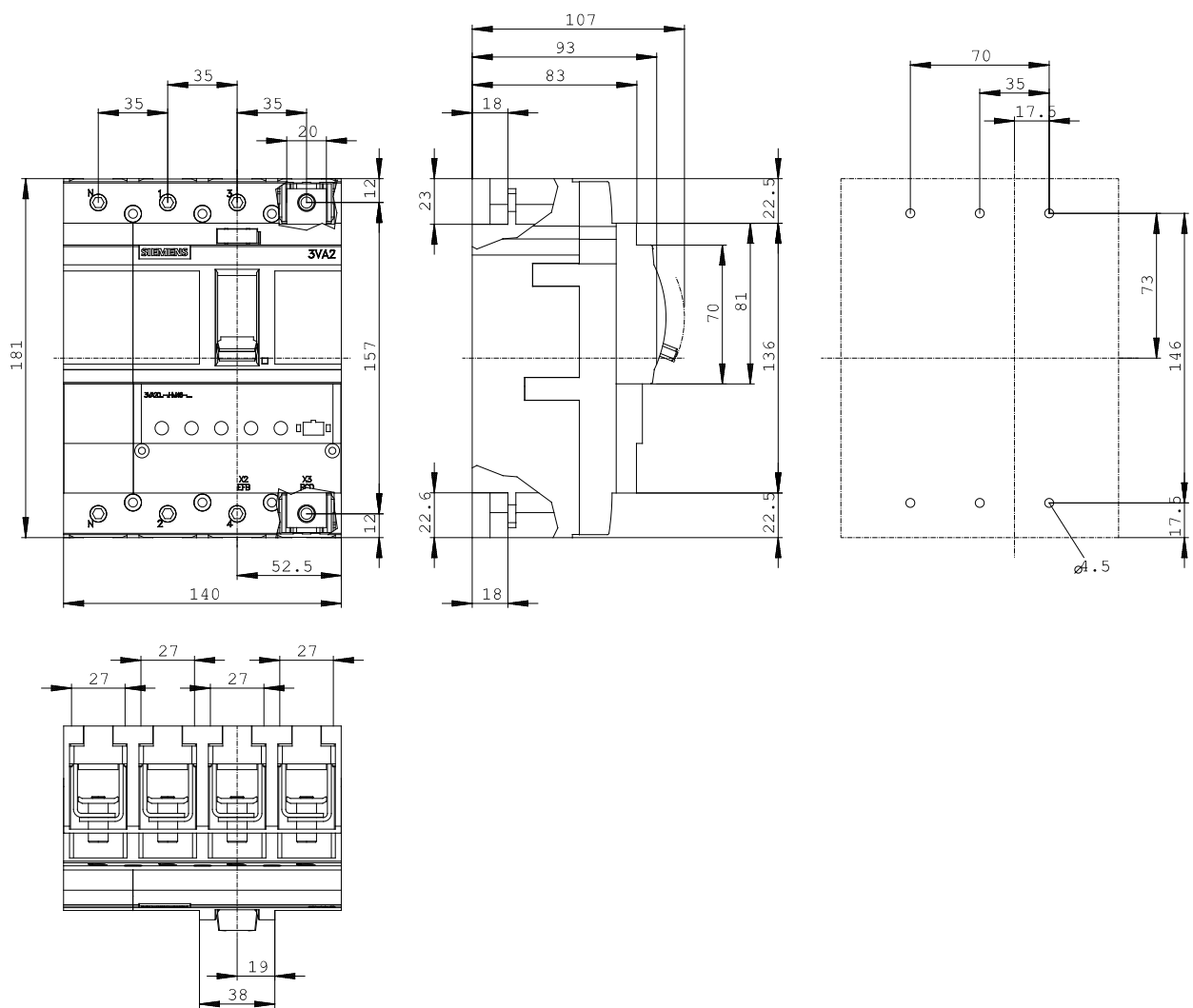
Lebensdauer:**Mechanical operating cycles as operating time / typical**

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/3VA2040-5HN32-0AA0>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<http://support.automation.siemens.com/WW/view/en/3VA2040-5HN32-0AA0/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2040-5HN32-0AA0**CAX-Online-Generator**<http://www.siemens.com/cax>



last change:

May 14, 2014