



CIRCUIT BREAKER 3VA2 IEC FRAME 100 BREAKING CAPACITY CLASS M ICU=55KA @ 415 V 4POLE, LINE PROTECTION ETU350, LSI, IN=63A OVERLOAD PROTECTION IR=25A ...63A SHORT CIRCUIT PROTECTION ISD=1,5... 10 X IR, II=12 X IN NEUTRAL PROTECTION ADJUSTABLE(OFF,100%) 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	63
Operating voltage		
• at 50/60 Hz / for AC / rated value	V	690
Insulation voltage / rated value	V	800
Number of poles		4
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 (Icu) - 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 (Ics) - 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 (Icm) - 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	0.397 ... 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 140

Height

mm 181

Depth

mm 107

Net weight

g 2,930

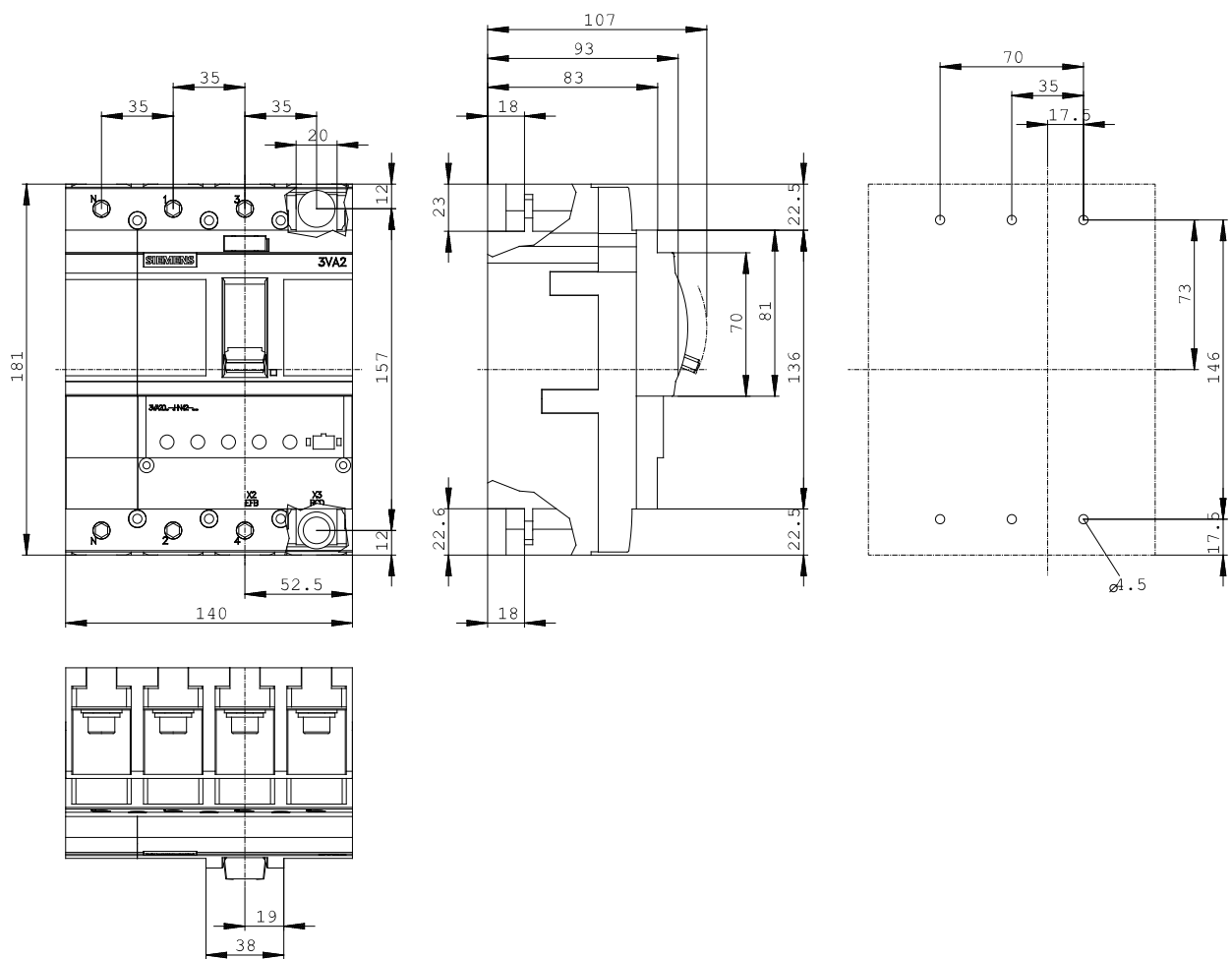
Lebensdauer:**Mechanical operating cycles as operating time / typical**

20,000

Reference code / according to DIN EN 61346-2

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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/3VA2063-5HN42-0AA0>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<http://support.automation.siemens.com/WW/view/en/3VA2063-5HN42-0AA0/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2063-5HN42-0AA0**CAX-Online-Generator**<http://www.siemens.com/cax>



last change:

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