



MAIN CIRCUIT BREAKER (SHU), 1POLE, E20A L1, 230/400V

Figure similar

Model		
product brand name		SENTRON
Design of the product		Main miniature circuit breakers
Design of the locking device		Locking slide with lock, additional wire seal, cable ties and Antilux
General technical data		
Number of poles		1
Number of poles / Note		1P
Tripping characteristic class		E
circuit-breaker / Design		5SP3
Mechanical service life (switching cycles) / typical		20 000
Overvoltage category		IV
Voltage		
Insulation voltage / Rated value	V	690
Surge voltage resistance / Rated value	kV	6
Supply voltage		
Supply voltage frequency / Rated value	Hz	50
Protection class		
Protection class IP		IP40, with connected conductors
Switching capacity		
Switching capacity current		
• Rated value	kA	25
• acc. to EN 60898 / Rated value	kA	25

Dissipation

Active power loss

- for rated value of the current / with AC / in hot operating state / per pole

W 6

Electricity

rated current I_n / IEC, DIN/VDE / at 40 Cel

A 19

Current / with AC / Rated value

A 20

Main circuit

Operating voltage / Rated value

- minimum
- maximum

V 110

V 440

Product details

Product component

- outgoing feeder via spring-loaded terminal
- Infeed at box terminal

Yes

Yes

Product property

- Properties for main switches in accordance with EN 60204-1
- sealable

Yes

Yes

Product function

Product function / neutral conductor switching

No

Display and operation

Display version / for switch position indicator

OFF = green, ON = red

Connections

Connectable conductor cross-section

- of spring-loaded terminal / finely stranded / with core end processing

— minimum

mm² 2.5

— maximum

mm² 16

- of the box terminal

— solid / minimum

mm² 2.5

— solid / maximum

mm² 50

— stranded / minimum

mm² 2.5

— stranded / maximum

mm² 50

Position / of power supply cord

Stipulated by installation in the lower section of the meter panel

Mechanical Design

Number of width units

1.5

Mounting type

Busbar

Mounting type / other installation / Note	On 40-mm busbar system in compliance with DIN 43870 Part 2
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Environmental conditions

Shock resistance	30 g, at least 3 impacts, impact duration 11 ms
Vibration resistance / acc. to IEC 60068-2-6	2 g, 20 frequency cycles 5 to 150 to 15 Hz
Ambient temperature	
• minimum	°C -25
• maximum	°C 55
• during storage / minimum	°C -40
• during storage / maximum	°C 70

General Product Approval	Declaration of Conformity	other
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[other](#)

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/5SP37202KK01>

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

<http://support.automation.siemens.com/WW/view/en/5SP37202KK01/all>

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

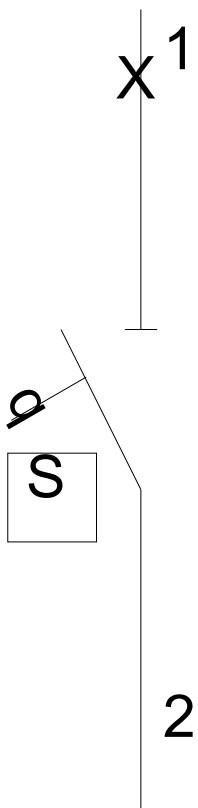
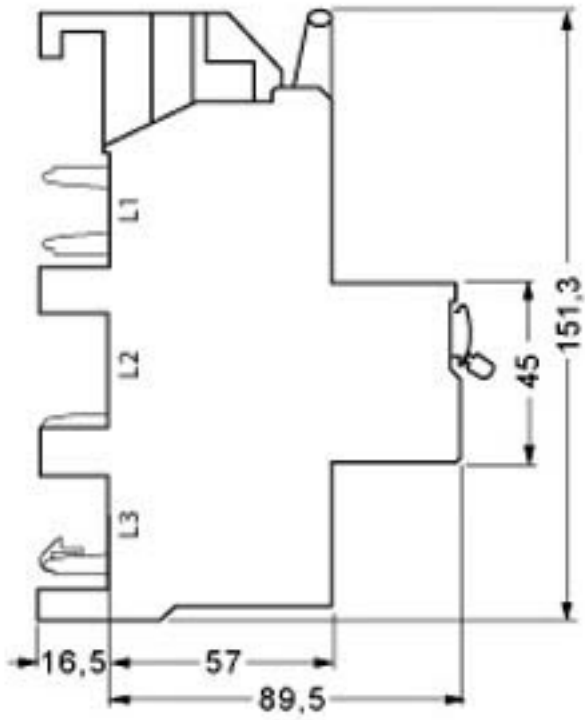
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SP37202KK01

CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>



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