



MAIN CONDUCTOR CIRCUIT-BREAKER (SHU), 3X1-
POLE E 25 A, 230/400 V FOR MOUNTING ONTO
40MM BUSBAR

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		3
Number of poles / Note		3P
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		
<ul style="list-style-type: none"> for rated value of the current / with AC / in hot operating state / per pole 	W	6.5
Electricity		
rated current I _n / IEC, DIN/VDE / at 40 Cel	A	23.75
Current / with AC / Rated value	A	25
Main circuit		
Operating voltage / Rated value		
<ul style="list-style-type: none"> minimum 	V	110
<ul style="list-style-type: none"> maximum 	V	440
Product details		
Product component		
<ul style="list-style-type: none"> outgoing feeder via spring-loaded terminal 		Yes
<ul style="list-style-type: none"> Infeed at box terminal 		Yes
Product property		
<ul style="list-style-type: none"> Properties for main switches in accordance with EN 60204-1 		Yes
<ul style="list-style-type: none"> sealable 		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		
<ul style="list-style-type: none"> of spring-loaded terminal / finely stranded / with core end processing 		
<ul style="list-style-type: none"> — minimum 	mm ²	2.5
<ul style="list-style-type: none"> — maximum 	mm ²	16
<ul style="list-style-type: none"> of the box terminal 		
<ul style="list-style-type: none"> — solid / minimum 	mm ²	2.5
<ul style="list-style-type: none"> — solid / maximum 	mm ²	50
<ul style="list-style-type: none"> — stranded / minimum 	mm ²	2.5
<ul style="list-style-type: none"> — stranded / maximum 	mm ²	50
Position / of power supply cord		Stipulated by installation in the lower section of the meter panel
Mechanical Design		
Number of width units		4.5
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/5SP38252>

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

<http://support.automation.siemens.com/WW/view/en/5SP38252/all>

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

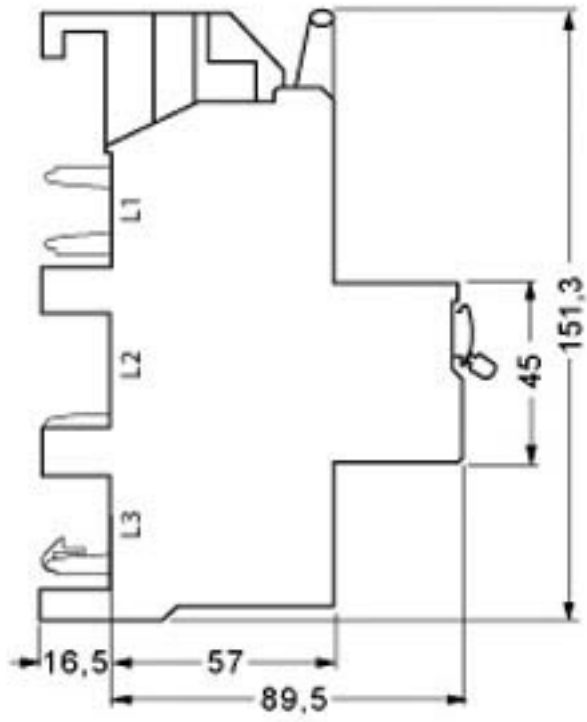
http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SP38252

CAX-Online-Generator

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

Tender specifications

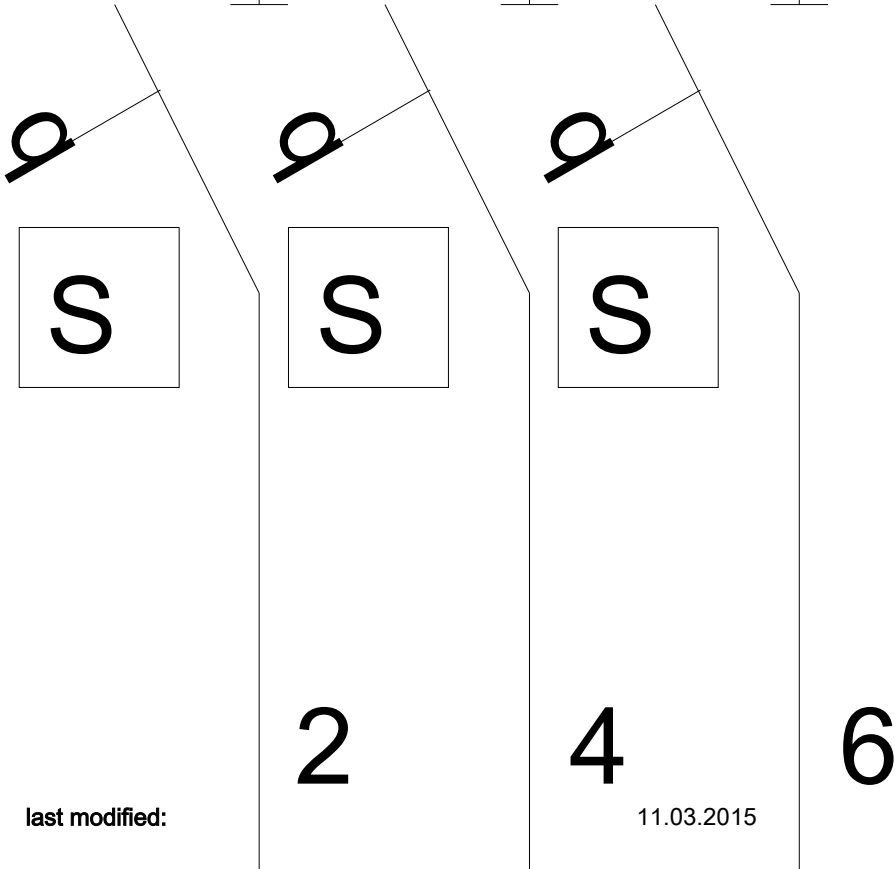
<http://ausschreibungstexte.siemens.com/tiplv>



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X³

X⁵



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