



MAIN CONDUCTOR CIRCUIT-BREAKER (SHU),3X1-POLE,E 20 A,230/400 V FOR MOUNTING ONTO 40MM BUSBAR

Similar to image

**Technical data:**

<b>Type of fixing/fixation / other installation / Note</b>		On 40-mm busbar system in compliance with DIN 43870 Part 2
<b>Type of mounting</b>		Busbar
<b>Depth</b>	mm	99.5
<b>Current / for AC / rated value</b>	A	20
<b>Tripping characteristic class</b>		E
<b>Supply voltage</b>		
• for AC / rated value	V	400
• with single-phase operation / with AC / rated value	V	230
• with multi-phase operation / with AC / rated value	V	400
<b>Operating voltage</b>		
• rated value	V	110 ... 440
<b>Number of poles</b>		3
<b>Breaking capacity current</b>		
• acc. to EN 60898 / rated value	kA	25
• rated value	kA	25
<b>Active power loss / at rated value current / with AC / in warm operating state / per pole</b>	W	6.5
<b>Number of pitch units for width</b>		4.5

<b>Product feature / sealable</b>		Yes
<b>Degree of pollution</b>		3
<b>Ambient temperature</b>	°C	-25 ... +55
<b>Ambient temperature</b> • during storage	°C	-40 ... +75
<b>Position / of power supply cord</b>		Stipulated by installation in the lower section of the counter panel
<b>Product property / properties for main switches in accordance with EN 60204-1</b>		Yes
<b>Mechanical operating cycles as operating time / typical</b>		20,000
<b>Resistance against vibration / according to IEC 60068-2-6</b>		2 g, 20 frequency cycles 5 to 150 to 15 Hz
<b>Overvoltage class</b>		IV
<b>Impulse voltage resistance / rated value</b>	kV	6
<b>Resistance against shock</b>		30 g, at least 3 impacts, impact duration 11 ms
<b>Insulation voltage / rated value</b>	V	690
<b>Design of the blocking device</b>		Locking slide with lock, additional wire seal, cable ties and Antilux
<b>Design of the display / for indicating switch position</b>		OFF = green, ON = red
<b>Product component</b> • infeed at box terminal • outgoing feeder via spring-loaded terminal		Yes Yes
<b>Connectable conductor cross-section</b> • of box terminal • solid • stranded • of spring-loaded terminal / finely stranded • with end sleeve	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	2.5 ... 50 2.5 ... 50 2.5 ... 16

#### Certificates/approvals:

General Product Approval

Declaration of Conformity

other



[other](#)

#### Further information:

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

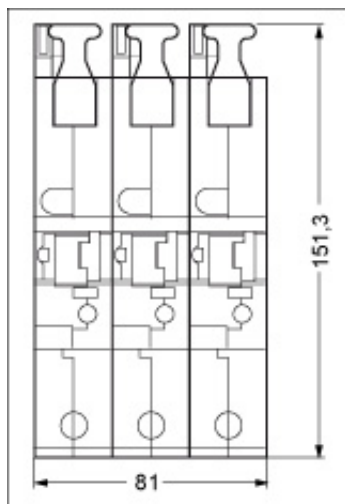
<http://www.siemens.com/lowvoltage/mall>

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

<http://support.automation.siemens.com/WWW/view/en/5SP3820-2/all>

**Tender specifications**

[Datanorm GAEB81](#) [GAEB83](#) [RTF](#) [TXT](#)



last change:

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