





CIRCUIT BREAKER 400V 50KA ACC. IEC 947-2,  
T92 2-POLE, C, 20A

General technical data:		
Type of mounting		Standard mounting rail and screw fixing
mounting position		any
Mounting depth	mm	92
Current / for AC / rated value	A	20
Tripping characteristic class		C
type of voltage		AC/DC
Number of pitch units for width		3
Product feature / sealable		Yes
Degree of pollution		3
Supply voltage		
• for AC / rated value	V	400
• with multi-phase operation / with AC / rated value	V	400
Number of poles		2
Number of poles /note		2P
Switching capacity current		
• in accordance with IEC 60947-2 / rated value	kA	50
Ambient temperature	°C	-25 ... +45
Influence of the surrounding temperature		Periodically +55°C, max. 95% humidity
Ambient temperature		

• during storage	°C	-40 ... +75
<b>Position / of power supply cord</b>		Any
<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>Overvoltage class</b>		3
<b>Product equipment / touch-protection</b>		Yes
<b>Resistance against shock / according to IEC 60068-2-27</b>		150m/s <sup>2</sup> at 11ms half-sine
<b>Insulation voltage</b> • for AC / rated value	V	440
<b>AWG number</b> • as encoded connectable conductor cross-section		14 ... 2
<b>Section de conducteur raccordable</b> • solid • multibrin • finely stranded • with wire end processing	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	0.75 ... 50 0.75 ... 50 0.75 ... 35
<b>Product component</b> • tunnel terminals top • tunnel terminals bottom		Yes Yes
<b>Tightening torque</b> • with screw-type terminals	N·m	2.5 ... 3.5
<b>Tightening torque (lbf·in)</b> • with screw connection	lbf·in	22 ... 31
<b>Product feature</b> • [not supplied - silicon-free] • halogen-free		Yes Yes
<b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b>		6

#### Certificates/approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
 GOST	 EG-Konf.	<a href="#">Type Test Certificates/Test Report</a>	<a href="#">other</a>

#### Further information:

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

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

##### Industry Mall (Online ordering system)

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

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

<http://support.automation.siemens.com/WW/view/en/5SP9220-7KC47/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SP9220-7KC47](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SP9220-7KC47)

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**CAx-Online-Generator**

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

**last change:**

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