# **SIEMENS**

Product data sheet 5SL6420-6

CIRCUIT BREAKER 400V 6KA, 4POLE, B, 20A



Similar to image

Technical data:			
Current / for AC / rated value	А	20	
Tripping characteristic class		В	
type of voltage		AC/DC	
Supply voltage			
• for AC / rated value	V	400	
• with multi-phase operation / with AC / rated value	V	400	
Operating voltage			
• minimum	V	24	
• with multi-phase operation / with AC / maximum	V	440	
• for DC / rated value / maximum	V	60	
Supply voltage frequency / rated value	Hz	50	
Number of poles		4	
Number of poles /note		4P	
Switching capacity current			
• in accordance with IEC 60947-2 / rated value	kA	6	
• acc. to EN 60898 / rated value	kA	6	
Number of pitch units for width		4	
Product extension / can be installed / supplementary device		Yes	

Product feature / sealable		Yes
Built in orientation		any
Protection class IP		IP20, with connected conductors
Degree of pollution		2
Ambient temperature		
• minimum	°C	-25
• maximum	°C	45
Influence of the surrounding temperature		Periodically +55°C, max. 95% humidity
Ambient temperature / during storage		
• minimum	°C	-40
• maximum	°C	75
Mechanical operating cycles as operating time / typical		20,000
Product equipment / touch-protection		Yes
Insulation voltage		
• with multi-phase operation / with AC / rated value	V	440
Section de conducteur raccordable		
• solid		
• minimum	mm²	0.75
• maximum	mm²	35
• multibrin		
• minimum	mm²	0.75
• maximum	mm²	35
<ul> <li>finely stranded / with wire end processing</li> </ul>		
• minimum	mm²	0.75
• maximum	mm²	25
Tightening torque / with screw-type terminals		
• minimum	N⋅m	2.5
• maximum	N⋅m	3
Product feature		
• [not supplied - silicon-free]		Yes
• halogen-free		Yes
Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30		6

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General Produ	ct Approval		Declaration of Conformity	other
CEBEC	ROSTEST	DVE	Manufacturer	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,...)

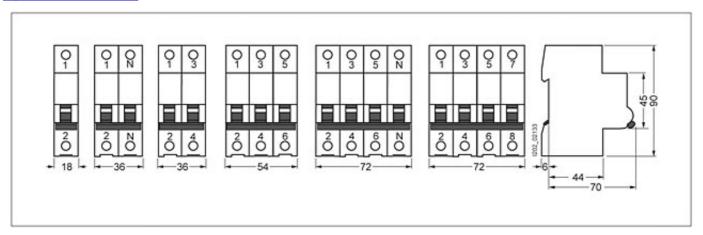
http://support.automation.siemens.com/WW/view/en/5SL6420-6/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SL6420-6

### **CAx-Online-Generator**

http://www.siemens.com/cax



last change: Dec 10, 2011