

# BETA Protecting Miniature Circuit Breakers

Comfort range with plug-in terminal

## Technical specifications

5SJ6 ...-KS				
<b>Standards</b>			EN 60898	
<b>Approved</b> acc. to			EN 60898	
<b>Operational voltage</b>	min.	V AC/DC	24	
	max.	V AC	400	
	max.	V DC/pole	60	
<b>Rated switching capacity</b>	acc. to EN 60898	kA AC	6	
<b>Insulation coordination</b>		V AC	250/440 2/III	
• Rated insulation voltage				
• Degree of pollution for overvoltage category				
<b>Touch protection</b>	acc. to EN 50274	Yes		
<b>Handle end position</b> , sealable			Yes	
<b>Degree of protection</b>	acc. to EN 60529	IP20, with connected conductors		
<b>CFC and silicone-free</b>			Yes	
<b>Terminals</b>			Screwless terminals on outgoing terminals for 1.5 ... 4 mm <sup>2</sup>	
<b>Conductor cross-sections</b>				
• Top, plug-in terminals		mm <sup>2</sup>		1.5 ... 4 1.5 ... 2.5
- solid, stranded and finely stranded, without end sleeve				
- finely stranded, with end sleeve				
• Bottom, tunnel terminal		mm <sup>2</sup>		0.75 ... 25
- solid, stranded or finely stranded, with end sleeve				
<b>Mounting position</b>			Any	
<b>Service life</b> on average, with rated load			20000 actuations	
<b>Ambient temperature</b>			°C	
			-25 ... +45, occasionally +55, max. 95 % humidity, storage temperature: -40 ... +75	
<b>Resistance to climate</b>	acc. to IEC 60068-2-30	6 cycles		
<b>Resistance to vibrations</b>	acc. to IEC 60068-2-6	m/s <sup>2</sup>	60 at 10 Hz ... 150 Hz	

The operational voltage 60 V DC/pole takes into account a battery charging voltage with a peak value of 72 V.