

## Technical specifications

			5SP3
<b>Standards</b>			DIN VDE 0645 (Draft)
<b>Rated voltage <math>U_n/U_e</math></b>			
• 1-pole	V AC		230/400
• Multipole	V AC		400
<b>Operational voltage</b>	min.	V AC	110
	max.	V AC	440
<b>Rated frequency</b>			Hz
			50 ... 60
<b>Rated current <math>I_n/I_e</math></b>			A
			16 ... 100
<b>Rated insulation voltage <math>U_i</math></b>			V AC
			690
<b>Rated switching capacity <math>I_{cn}</math></b>			A
			25000
<b>Insulation coordination</b>			
• Overvoltage category			IV
• Degree of pollution			3
<b>Impulse withstand voltage <math>U_{imp}</math></b>			kV
			6
<b>Impact resistance</b>			30 g, at least 3 impacts, impact duration 11 ms
<b>Resistance to vibrations</b>			2 g, 20 frequency cycles 5 ... 150 ... 15 Hz
<b>Switching position indication</b>			OFF = green, ON = red
<b>Main switch characteristics</b>			acc. to EN 60204-1
			Yes
<b>Handle end position, sealable</b>			Yes
<b>Device depth</b>			mm
			92
<b>Degree of protection</b>			IP20, with connected conductors
<b>Mains connection</b>			Any
<b>Mounting position</b>			Any
<b>Mounting</b>			With accessories on 35-mm standard mounting rail or busbar or screw connection
<b>Service life</b> on average, with rated load			20000 actuations
<b>Connection</b>			Saddle terminals at both ends
<b>Conductor cross-sections</b>			
• Solid	mm <sup>2</sup>		2.5 ... 50
• Stranded	mm <sup>2</sup>		2.5 ... 70
• Finely stranded, with end sleeve	mm <sup>2</sup>		2.5 ... 50
<b>Storage temperature</b>			°C
			-40 ... +70
<b>Ambient temperature</b>			°C
			-25 ... +55