TECHNICAL DATA SHEET

SIEMENS

5SY6101-7

Miniature circuit breaker 230/400 V 6kA, 1-pole, C, 1A, D=70 mm

PRODUCT PHOTO



General technical data

Number of poles	**1**
Design of pole	**1P**
Tripping characteristic class	**C**
Overvoltage category	**3**
Degree of pollution	**3**

Voltage

Type of voltage of the operating voltage	**AC**
Insulation voltage (Ui) with single-phase operation at AC rated value	**440 V**
Insulation voltage (Ui) with multi-phase operation at AC rated value	**440 V**
Supply voltage with single-phase operation at AC rated value	**230 V**
Operational current at 40 °C rated value	**0.95 A**
Operational current at 50 °C rated value	**0.9 A**
Operational current at 55 °C rated value	**0.88 A**
Operational current at AC rated value	**1 A**

Supply voltage

Supply voltage at AC	**400 V**
Supply voltage at DC rated value	**60 V**
Value range of the supply voltage frequency	**50/60 Hz**

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Supply voltage (continued)

Operating voltage at DC rated value maximum	**72 V**

Protection class

Protection class IP	**IP20, with connected conductors**

Breaking Capacity

Switching capacity current at DC according to IEC 60947-2 rated value	**15 kA**
Switching capacity current according to EN 60898 rated value	**6 kA**
Switching capacity current according to IEC 60947-2 rated value	**30 kA**
Energy limitation class	**3**

Dissipation

Power loss [W] for rated value of the current at AC in hot	**1.2 W**

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