

AFDD-MCB-Combination 230V, 6kA, 2pole, C, 16A Compact (1MW)



Model	
Product brand name	SENTRON
Design of the product	Compact unit
General technical data	
Number of poles	2
Number of poles / Note	1P+N
Size of installation devices / acc. to DIN 43880	1
Protection against electrical shock / acc. to EN 50274	finger and back-of-hand safe
Mechanical service life (switching cycles) / typical	10 000
Switching function / short-term delayed	No
Overvoltage category	III
Supply voltage	
Type of voltage	AC
Current / at AC / rated value	16 A
Supply voltage	
• at AC / rated value	230 V
Supply voltage frequency	
• rated value	50Hz

Protection class	
Protection class IP	IP20, with connected protective device and conductors
Dissipation	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1.35 W
Current	
• Tripping current	50 ... 500
• Tripping current	1 ... 16
Product details	
Product feature	
• halogen-free	Yes
• silicon-free	Yes
Product extension / can be installed / supplementary devices	Yes
Connections	
• Connectable conductor cross-section	
— solid	0.75 ... 16 mm <sup>2</sup>
— stranded	0.75 ... 16 mm <sup>2</sup>
• Connectable conductor cross-section / finely stranded / with core end processing	0.75 ... 10 mm <sup>2</sup>
Tightening torque / with screw-type terminals	1.2 ... 2 N·m
Position / of power supply cord	any
Mechanical Design	
Height	90 mm
Width	18 mm
Depth	68.5 mm
Installation depth	70 mm
Number of width units	1
Mounting type	DIN rail (REG)
Mounting position	any
Net weight	150 g
Environmental conditions	
Ambient temperature	-25 ... +45 °C
• during storage	-40 ... +75 °C
Certificates	



EG-Konf.

Further information

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

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

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SV6016-7KK16>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV6016-7KK16>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SV6016-7KK16](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV6016-7KK16)

**CAX-Online-Generator**

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

**Tender specifications**

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







