

Arc fault detection device block AFDD, 1-40 A 230 V for CB and RCBO 1+N 2MW



Model	
Product brand name	SETRON
Product designation	Arc-fault detection unit block
Design of the product	for MCB 5SY, 5SL4 and RCBO 5SU1
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	40 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

Current

Tripping current

- in the event of electrical arcs in parallel with the load / minimum
- in the event of electrical arcs in parallel with the load / maximum
- in the event of electrical arcs in series with the load / minimum
- in the event of electrical arcs in series with the load / maximum

50 A

500 A

1 A

40 A

Product details

Product feature

- halogen-free
- silicon-free

Yes

Yes

Connections

Connectable conductor cross-section / stranded / minimum

0.75 mm²

Connectable conductor cross-section / finely stranded / with core end processing

- minimum
- maximum

0.75 mm²

10 mm²

Position / of power supply cord

Bottom

Mechanical Design

Height

95 mm

Width

54 mm

Depth

68.5 mm

Installation depth

70 mm

Number of width units

1

Number of width units / of the mountable protective device

2

Mounting type

DIN rail (REG)

Mounting position

any

Net weight

121 g

Certificates

General Product Approval			Declaration of Conformity	other
				Miscellaneous
IMQ	VDE	VDE	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=5SM6024-2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SM6024-2>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM6024-2

CAX-Online-Generator

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

Tender specifications

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



