



Main

Circuit breaker application	Distribution
Range	Acti 9
Product name	IDif K
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	IDif K
Poles description	1P + N
[In] rated current	10 A at 30 °C
Curve code	C
Earth-leakage sensitivity	30 mA
Breaking capacity	Icn : 6000 A - 230 V - AC at 50 Hz

Complementary



Neutral position	Left
Number of protected poles	1
Network type	AC
Network frequency	50 Hz
[Ue] rated operational voltage	Ue: 230 V - AC at 50 Hz
Trip unit technology	Thermal-magnetic
Magnetic tripping limit	5...10 x In
Residual current tripping technology	Voltage dependent
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
[Icw] rated short-time withstand current	Icw: 250 A during 8/20 µs impulse withstand
Electrical insulation class	Class II
Limitation class	3
[Ui] rated insulation voltage	Ui: 400 V - AC at 50 Hz
[Uimp] rated impulse withstand voltage	Uimp: 4 kV

Suitability for isolation	Yes
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	YES
9 mm pitches	2
Height	93 mm
Width	18 mm
Depth	70 mm
Product weight	136 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Locking options description	By padlocks
Connections - terminals	Screw clamp terminal connection on upstream - 1...16 mm ² - rigid Screw clamp terminal connection on upstream - 1...16 mm ² - flexible Screw clamp terminal connection on downstream - 1...10 mm ² - rigid Screw clamp terminal connection on downstream - 1...10 mm ² - flexible
Wire stripping length	14 mm on upstream of 11 mm on downstream of
Tightening torque	2 N.m on upstream of 2 N.m on downstream of
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1
Product certifications	GOST-R EAC
IP degree of protection	IP20
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-30...70 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available  Product environmental
Product end of life instructions	Need no specific recycling operations