

Product data sheet

Specifications



Miniature circuit breakers (MCBs)

AV-10 AVERES EKF

IEC 60898-1 and IEC 60947-2

Product line	AVERES
Series name	AV-10
Device application	Distribution
Product type	Miniature circuit breaker
Network type	AC
Rated voltage, AC [Ue, V]	220 / 380; 230 / 400; 240 / 415
Rated voltage, DC [Ue, V]	60
Frequency [Hz]	50 / 60
Poles	1P, 2P, 3P, 4P
Rated current [In, A]	1; 2; 3; 4; 6; 10; 13; 16; 20; 25; 32; 40; 50; 63
Trip unit technology	Thermal-magnetic
Tripping curve	B, C, D
Calibration temperature [°C]	+50
Ultimate short-circuit breaking capacity [Icu, A] (IEC 60947-2) 380–415 V AC	10 000
Ultimate short-circuit breaking capacity [Icu, A] (IEC 60947-2) 220–240 V AC	20 000
Breaking capacity [Icn, A]	10 000
Rated impulse withstand voltage [Uimp, kV]	6
Rated insulation voltage [Ui, V]	500
Energy limiting class	3
Mechanical endurance [O-C cycles]	20 000
Electrical endurance [O-C cycles]	10 000
Tightening torque, max. [N·m]	3
Degree of protection	IP20
Operating temperature [°C]	-40...+60
Cross-section of connected wires [mm²]	1...25
Contact position indicator	Yes
Auxiliaries	Yes
Mounting support	DIN rail
Weight, max. [1P, kg]	0,1
Standard	IEC 60898-1 and IEC 60947-2
Color	Grey (RAL 7035/Pantone Cool Gray 2C)
Warranty period	10 years



EKF

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Overall dimensions:

