

**EKF**

EKF ELECTRICAL SOLUTION – FZCO
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Product data sheet

Specifications

Miniature circuit breakers (MCBs)

AV-125 AVERES EKF

IEC 60947-2

Product line	AVERES
Series name	AV-125
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]	63; 80; 100; 125
Trip unit technology	Thermal-magnetic
Tripping curve	C, D
Calibration temperature [°C]	+50
Ultimate short-circuit breaking capacity [Icu, kA] (IEC 60947-2) 380-415 V AC	10 000
Ultimate short-circuit breaking capacity [Icu, kA] (IEC 60947-2) 220-240 V AC	20 000
Rated 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]	10 000
Electrical endurance [O-C cycles]	8000
Tightening torque, max. [N·m]	3
Degree of protection	IP20
Operating temperatures [°C]	-25...+50
Cross-section of connected wires [mm ²]	1...35
Contact position indicator	Yes
Auxiliaries	Yes
Mounting support	DIN rail
Weight, max. [1P, kg]	0,21
Standard	IEC 60947-2
Color	Grey (RAL 7035/Pantone Cool Gray 2C)
Warranty period	10 years

Overall dimensions:

