

**EKF**

EKF ELECTRICAL SOLUTION – FZCO
Dubai Silicon Oasis, DDP, Building A2,
Dubai, United Arab Emirates
P.O. Box 342001

www.global.ekfgroup.com

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Product data sheet

Specifications



Miniature circuit breakers (MCBs) AV-10 DC AVERES EKF

IEC 60947-2

Product line	AVERES
Series name	AV-10 DC
Device application	Distribution
Product type	Miniature circuit breaker
Network type	DC
Rated voltage, DC [U_e , V]	1P: 250; 2P: 500; 3P: 750; 4P: 1000
Poles	1P, 2P, 3P, 4P
Rated current [I_n , A]	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63
Trip unit technology	Thermal-magnetic
Tripping curve	C
Rated breaking capacity [I_{cn} , A]	10 000
Rated impulse withstand voltage [U_{imp} , kV]	6
Rated insulation voltage [U_i , 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 temperatures [°C]	-25...+50
Cross-section of connected wires [mm ²]	1...25
Contact position indicator	Yes
Auxiliaries	Yes
Mounting support	DIN rail
Weight, max. [1P, kg]	0,115
Standard	IEC 60947-2
Color	Grey (RAL 7035/Pantone Cool Gray 2C)
Warranty period	10 years



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Overall dimensions:

