



Product Data Sheet

Residual Current Circuit Breakers with Overcurrent Protection (RCBOs)

AVDT-63N PROXIMA EKF

Standard: IEC 61009-1

Specifications

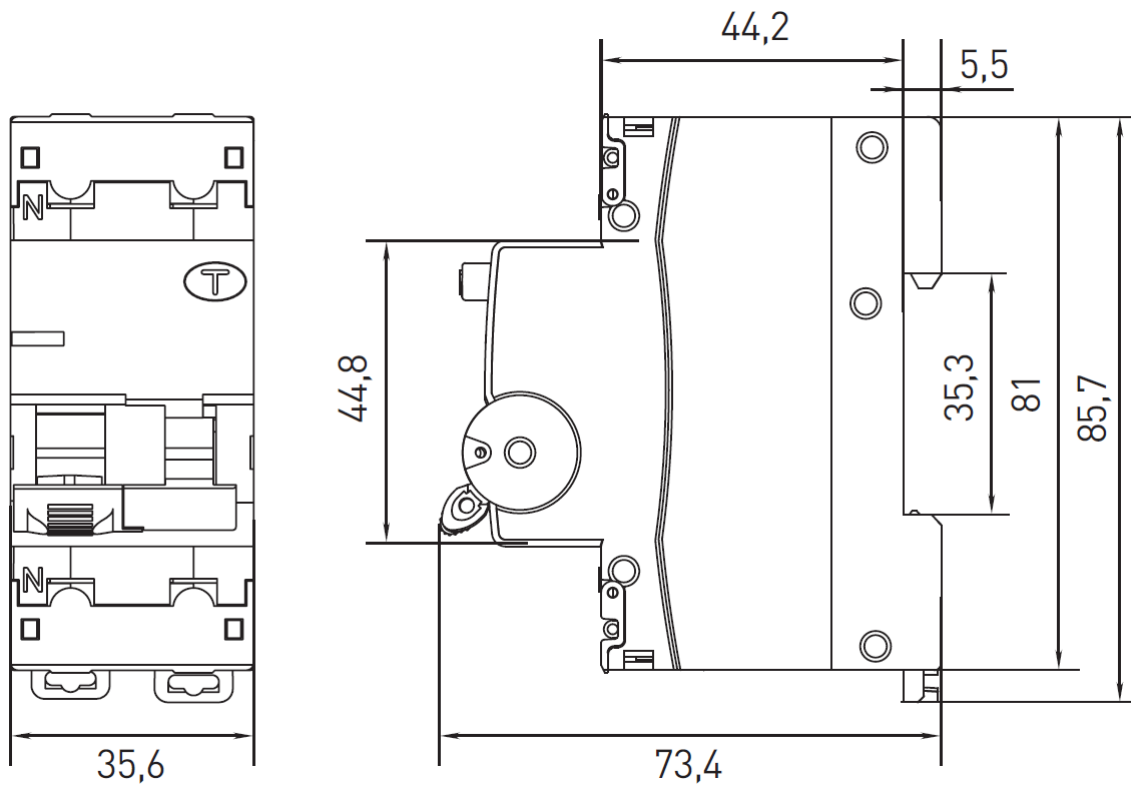
Product Line	PROXIMA
Series Name	AVDT-63N
Device Application	Distribution
Input Voltage Type	AC
Rated Voltage, AC [U_e , V]	1P+N: 220 / 230 / 240 2P+N: 380 / 400 / 415
Frequency [Hz]	50 / 60
Poles	1P+N; 3P+N
Rated Current [I_n , A]	6, 10, 16, 20, 25, 32, 40, 50, 63
Sensitivity [$I_{\Delta n}$, mA]	10, 30, 100, 300
Type of Waveform Detected	A, AC
Selectivity	AC-S
Tripping Curve [Type]	B, C
Rated Breaking Capacity [I_{cn} , kA]	6
Rated Residual Non-Operating Current [mA]	$0,5I_{\Delta n}$
Residual Current Protection Type	Electronic and electromagnetic
Energy Limiting Class	3
Rated Impulse Withstand Voltage [U_{imp} , kV]	4
Mechanical Endurance [O-C Cycles]	20 000
Electrical Endurance [O-C Cycles]	10 000
Max. Tightening Torque [N·m]	2,5
Degree of Protection	IP20
Operation Ambient Temperatures [°C]	-25 to +50
Cross-Section of Connected Wires [mm ²]	1 to 25
Contact Position Indicator	Yes
Auxiliaries	No
Mounting Support	DIN rail
Weight, Max. [kg]	0,2
Color	Grey (RAL 7035/Pantone Cool Gray 2C)
Warranty Period	7 years



EKF

Overall Dimensions (mm)

1P+N



3P+N

