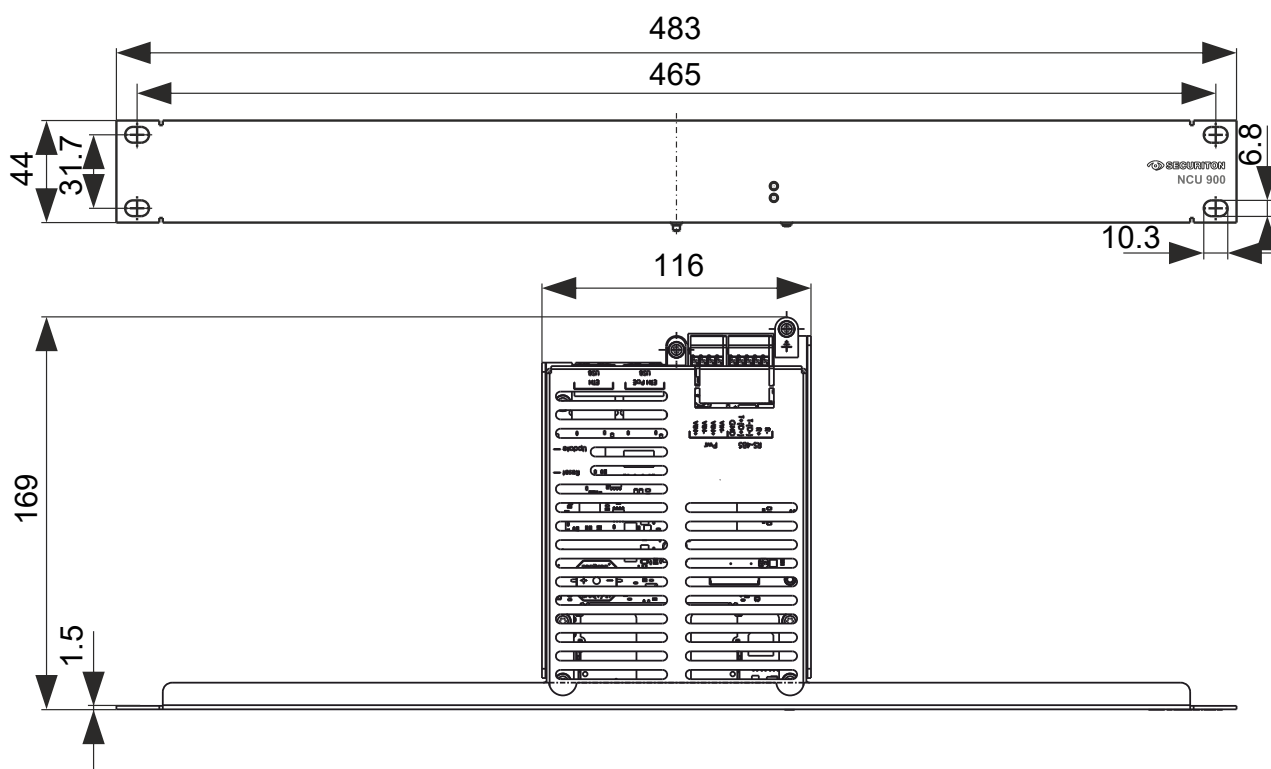


Description

The NCU 900 is used for networking multiple ASDs via RS-485 and Ethernet as well as for connecting external systems. Current measurement data from the ASDs can be forwarded to management systems in data centres, for example.



Dimensions in mm



Technical data

Supply voltage range from terminals VIN+/ VIN-		18 to 30	VDC
Requirement for supply via PoE switch	Performance class 3	6.49 to 12.95	W
Wattage maximum NCU 900 without USB load		4.8	
Power consumption maximum NCU 900 with 24 VDC without USB load		200	mA
Maximum number of aspirating smoke detectors		100	pieces
Maximum overall length of the RS-485 network SIM 35, ASD side		1000	m
Maximum Ethernet distance between the participants (NCU 900/switch/RCU 700)		100	
Protection type according to IEC 60529/EN 60529		20	IP
Temperature range continuous		0 to +50	°C
Ambient condition humidity detector housing, briefly without condensation		95	% rel. humidity
Ambient condition humidity detector housing sampling pipe continuous		70	% rel. humidity
Terminals, screwless spring terminals	Single-wire/fine-wire conductor	0.2 to 1.5	mm ²
Stripping length for the spring terminals		9 to 10	
Terminal screen/equipotential bonding, screw terminal NCU 900		M3	
Buzzer sound pressure level RCU 700		65	dB (A)
Housing	Material NCU 900, RCU 700	Sheet steel, aluminium	
	NCU 900 colour, front	Black 90 05	RAL
Dimensions	NCU 900	483 × 44 × 169 (W×H×D)	mm
Weight	NCU 900	830	g