

Technical Data

Scanbox ADSB 64



Article	Scanbox ADSB 64	Scanbox ADSB 128	Scanbox ADSB 192
Article number	1030001	1030010	1030015
Application purpose	Scanbox ADSB managing energy and data recording for analogue temperature measuring cables with thermistors.		
Scope of delivery	Steel housing with door and key, with built in:		
	1 ADT Interface 1 Scanboxprint 64	1 ADT Interface 2 Scanboxprint 64	1 ADT Interface 3 Scanboxprint 64
General information			
Operation	Via Silomanager SM2010N / SM2010S		
Housing	sheet steel, powder-coated		
Dimensions	400 x 300 x 200mm	500 x 400 x 200mm	600 x 400 x 200mm
Weight	depending on the installations, max. 30kg		
Zone allocation Scanbox	Zone free or with Ex-housing zone 22		
Connections	max. 64 temperature sensors	max. 128 temperature sensors - 2x for Agro Serial data cable - 1x for internal equipotential bonding - 1x for external equipotential bonding	max. 192 temperature sensors

Functional data	
Measuring method	analogue technology
Measuring range	min. -30°C to 50°C, max. +99°C / 260°C
Electrical data general	
Operating voltage	48V _{AC}
Power	max. 4VA
Potential separation	min. 1500V
Electrical data temperature measurement	
Output voltage	max. 7.5V _{DC}
Output current	max. 1mA
Capacity	max. 2.8 mW
Sensor connection	The circuits to the temperature sensors are limited in performance.
Temperature range	
Ambient	-20°C to +60°C
Storage	-20°C to +60°C, max. 2 years
Safety relevant data	
Protection class	Protection class I
IP protection class	IP65
ATEX certification	Ex II (1) D [Ex taD] IIIC