

Elexant 3500i Electronic Thermostat



The Raychem Elexant 3500i is a family of compact, full-featured, electronic thermostats for heat tracing control and monitoring in freeze protection and process temperature applications. Designed from a common hardware platform, the Elexant 3500i offers multiple variants with different features to allow the user flexibility in tailoring their heat tracing needs. Available features include: alarm relay, RS-485 and Bluetooth connections, load sensing, ground fault detection, automated heat trace system check, mobile application for wireless configuration, and more. The Elexant 3500i is suitable for hazardous and nonhazardous locations, and can be wall mounted or pipe mounted.

FUNKTIONER

Multiple variants to allow flexibility for different heat-tracing requirements

Options including dry contact alarm relay, RS-485 and Bluetooth communications, load current detection, ground fault detection and trip, as well as the ability to configure as a thermostat or limiter

Power Connection and Thermostat in one kit

250k cycle endurance for long life

Approved for up to 32A and 277Vac

Suitable for extreme environments with an ambient operating temperature from -55°C to 60°C

SPECIFIKATIONER

NEMA-klassificering:	4X
Max ledararea inkommande::	16 mm ²
Max ledararea för jordplint:	16 mm ²

Max utgående ledararea för värmekabel:	16 mm ²
Reglering maxström:	32A @ 40°C, derated to 28A @ 50°C and 24A @ 60°C ambient operating temperature
Djup:	90 mm
Bredd:	206 mm
Reglering maxspänning:	277 VAC Nominal, 50/60Hz
Relativ luftfuktighet:	0% to 90%, Noncondensating
Kapslingsklass:	IP66
Regleringsalternativ:	On/Off, Always On, Always Off
Ex-klassat område:	Ja
Intrinsically Safe Barriers on RTD Inputs:	Ja
Temperaturområde:	-55 till 550 °C
Drifttemperatur:	-55 till 60 °C
Temperaturlarm:	-60 till 600 °C

Table 1/2

Katalognummer	Artikelnamn	Höjd	Autocykel	Kommunikation	Kommunikation sprotokoll	Typ av reglerrelä
2000002454	Elexant 3500i-C-W-A	183 mm		Ja	Modbus RTU	Single-Pole Hybrid
2000002626	Elexant 3500i-C-P-A	282 mm		Ja	Modbus RTU	Single-Pole Hybrid
2000003750	Elexant 3500i-AR-W-A	183 mm				Single-Pole Hybrid
2000003751	Elexant 3500i-I-W-A	183 mm	24 h	Ja	Modbus RTU	Double-Pole, Hybrid
2000003758	Elexant 3500i-AR-P-A	282 mm				Single-Pole Hybrid
2000003759	Elexant 3500i-I-P-A	282 mm	24 h	Ja	Modbus RTU	Double-Pole, Hybrid

Table 2/2

Katalognummer	Artikelnamn	Montering	RS-485 kabeltyp	RS-485 Max Cable Length	Säkerhetsreglage
2000002454	Elexant 3500i-C-W-A	Vägg	One 2-Wire, Shielded Twisted Pair	1200 m	Configurable as Limiter
2000002626	Elexant 3500i-C-P-A	Rör	One 2-Wire, Shielded Twisted Pair	1200 m	Configurable as Limiter

Katalognummer	Artikelnamn	Montering	RS-485 kabeltyp	RS-485 Max Cable Length	Säkerhetsreglage
2000003750	Elexant 3500i-AR-W-A	Vägg			
2000003751	Elexant 3500i-I-W-A	Vägg	One 2-Wire, Shielded Twisted Pair	1200 m	Configurable as Limiter
2000003758	Elexant 3500i-AR-P-A	Rör			
2000003759	Elexant 3500i-I-P-A	Rör	One 2-Wire, Shielded Twisted Pair	1200 m	Configurable as Limiter

VARNING

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