

TIMERS AND CONTROLLERS

Available Functions					
Order Number	20.2800.70.2200	22.1000.34.1500	20.2800.70.2300	5670433 12V	25.2800.70.1010
Heater On/OFF with status indicator	☒	☒	☒	☒	☒
Run Time limiter with selectable presets	☒	☒	☒	☒	☒
Built in diagnostic with fault code display	☒	☒	☒		
Clearing codes and unlocking capability	☒	☒	☒		
Illuminated turn and push control dial	☒				
Programmable Timer	☒	☒	☒	☒	
Multiple Starts-Day/Week	☒	☒	☒	☒	
Use of residual heat	☒				
Synchronization of two controllers	☒				
High Altitude mode		☒			
Grouping heaters	☒				
Standard Fan Mode	☒	☒			
Programmable LVD	☒	☒	☒		☒
Low voltage shutdown		☒	☒		☒
Onboard temperature sensor	☒				
Setpoint switchable between F and C	☒	☒			
Hour meter			☒		☒
Maintenance message	☒				
External device control	☒	☒			
Easyscan integration	☒				
Multilingual interface	☒	☒			
'Check Heater' warning	☒				
Ambient air sensor	☒			☒	
Diagnostic codes	☒	☒	☒		
Standard fan mode	☒	☒			
10-hour automatic shut-off	☒		☒		
Manual start mode	☒	☒	☒	☒	☒
Program memory	☒	☒		☒	
External inputs	☒	☒			☒
Air heaters	☒	☒	☒		
Coolant heaters	☒	☒	☒	☒	☒

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OPTIONAL ADD-ONS

Control units



Model	EasyStart Pro	EasyStart Timer	EasyStart Select	Airtronic mini-controller
Order number	22.1000.35.2200	22.1000.34.1500	22.1000.34.1300	22.1000.32.0700
Interface	CAN	LIN, S+	LIN	S+

Control unit compatibility with heaters



Hydronic S3
12V
CS Economy

CAN

S+ *

-

-



Hydronic S3
24V CS Commercial

CAN

S+ *

-

-



Hydronic S3
12V CL Economy

-

LIN

LIN

-



Hydronic M II 12/24 V

-

LIN

LIN

-



Hydronic L3
24V (16/24/30/35 kW)

CAN / E-Control

LIN

LIN

-



Hydronic L II
24V (16/24/30/35 kW)

-

S+ *

-

-

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Airtronic S3/M3/L3
12 V Commercial

CAN

LIN

LIN

S+ **

2



Airtronic M3
12V Recreational

CAN

LIN

LIN

S+ **

3



Airtronic
S3/M3/L3/XL3 24V
Commercial

CAN

S+ *
No setpoint input
possible

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S+ **

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* With restricted function: diagnostics cannot be run via the control unit

** With restricted function: no external temperature sensor possible

CONTROL UNITS - EASYSTART PRO



1. Advantages (functions):

- Intuitive navigation via a control knob
- Integrated temperature sensor
- Operation of up to two heaters separately or two identical (Airtronic or Hydronic) heaters in a group
- Simple plain text diagnostics for users
- Detailed diagnostics function for the workshop
- Integrated residual heat function for Hydronic (CS) heaters: efficient heating using the engine's residual heat
- Altitude mode can be activated manually above 1,500 m (Hydronic S3 Economy (CS))
- Easy-to-read system status display (home screen)
- Timer function: up to three programming locations available
- Display and LED color ring for clearly indicating the status in all operating conditions
- Various installation variants possible (surface mounting with concealed or visible cable routing, flush mounting)
- Mounting-optimized ribbon cable
- Endless heater operating time can be set (Airtronic 2 + Airtronic 3 and Hydronic S3 (CS))
- Menu operation available in English and German, as well as 25 other languages via EasyScan

2. Additional features:

- Setup assistant simplifies installation
- Maintenance interval setting possible
- Immediate heating via the long-press function
- Integration of an additional CAN control unit possible: EasyStart Web (from Q2/2020) or additional EasyStart Pro
- Permanent display illumination possible
- ADR compliant
- Easy diagnostics via EasyScan; no disassembly required

Technical data:

Order number		22.1000.35.2200
Dimensions L x W x H	mm	81.8 x 37.0 x 13.5 (without control knob) 81.8 x 37.0 x 18.6 (with control knob)
IP type of protection		IP5K2
Average standby current draw	mA	< 0.4
Operating temperature	°C	-40 to +85

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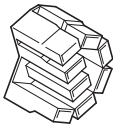
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CONTROL OPTIONS AND TIMERS

Mini Controller 12 and 24 volt
Mini Controller Knob



Control unit - single part
7-pin bushing connector housing

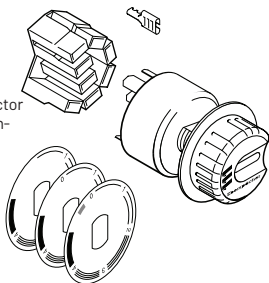


24 volt

Rheostat Switch

* with bushing connector housing and bushing connector
** without bushing connector housing and bushing connectors/only for air heater 8 L

~ = No ventilation, no diagnostic information



*12 volt
*24 volt
**24 volt

Wi-Fi Remote Control



Airtronic S (2.2 kW)	Airtronic M (4 kW)	Airtronic L (5.5 kW)	Airtronic XL3	Hydronic S (5-6 kW)	Hydronic L3 (16-35 kW)	Hydronic M-II (8-12 kW)	Part number
~	~	~	~				22.1000.32.0700 a
~	~	~	~				206.31.282
~	~	~	~				25.1895.71.0000 25.1896.71.0000 25.1768.71.0000
~	~	~	~				20.2800.70.2300

~ restricted use no diagnostic

CONTROL OPTIONS AND TIMERS

Programmable Timer (No Diagnostic)



12 V
24 V

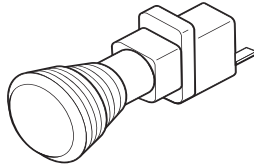
Programmable Timer with LVD



Dual Input

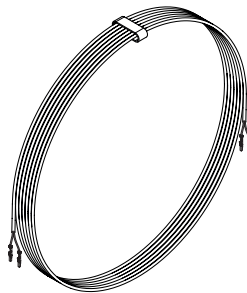
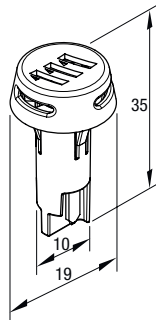
Programmable Timer with LVD, Dual Outputs-Detached
Push button with 24" leads for 25.2800.70.3030

Push / Pull Switch



Push / Pull Switch 12 volt

External and internal temperature control sensor, flush wall-mounted installation
2m Cable harness



Airtronic S (2.2 kW)	Airtronic M (4 kW)	Airtronic L (5.5 kW)	Airtronic XL3	Hydronic S (5-6 kW)	Hydronic L3 (16-35 kW)	Hydronic M-II (8-12 kW)	Part number
				~			5670433
				~			5670434
				~			25.2800.70.1010
				~			25.2800.70.2020
				~			25.2800.70.3030
				~			25.2800.70.3035
				~			5670007
							22.1000.35.2100

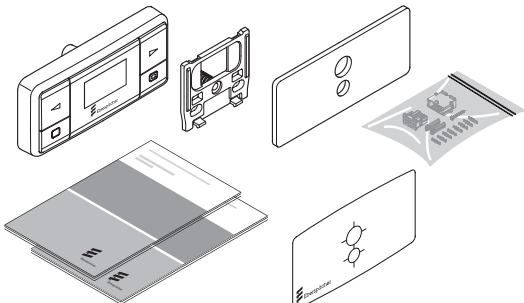
* Can also be combined with control unit

■ unrestricted use ~ restricted use no diagnostic

CONTROL OPTIONS AND TIMERS

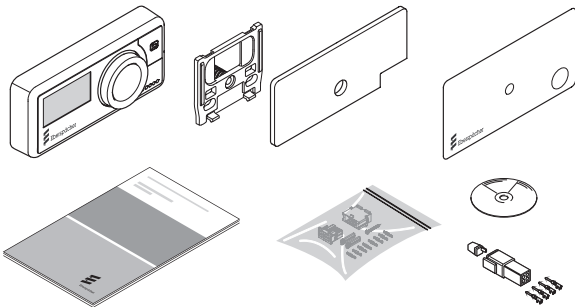
EasyStart Timer

- For;
- Hydronic 1
 - Hydronic 2
 - Hydronic S3 CL
 - Hydronic M2
 - Airtronic 1
 - Airtronic 2
 - Airtronic 3



~ = For Hydronic S3 Economy (CS): possible only with S+; no diagnostic option

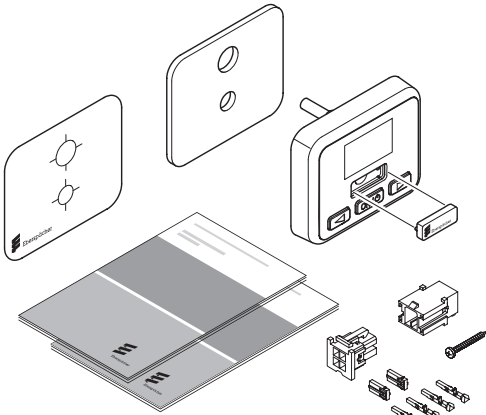
Control Kit - EasyStart Pro with Adaptor



Control Kit - EasyStart Pro with Adaptor
EasyStart Pro 12 V / 24 V

EasyStart Select

- For Hydronic 1,
Hydronic 2,
Hydronic S3 CL,
Hydronic M2 and
Airtronic 1
Airtronic 2 and
Airtronic 3



12 V / 24 V

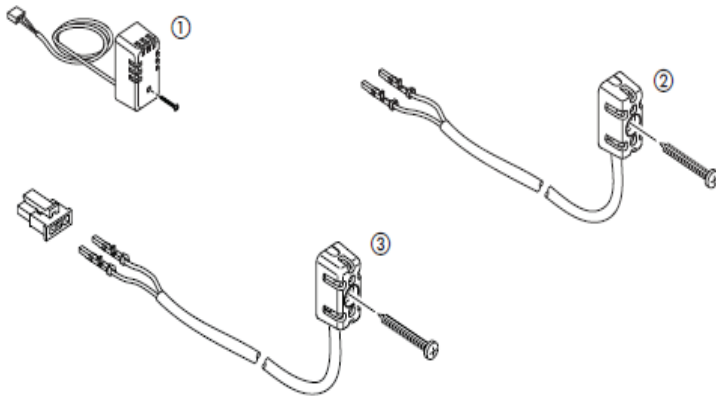
~ = consider heater compatibility

Airtronic S (2.2 kW)	Airtronic M (4 kW)	Airtronic L (5.5 kW)	Airtronic XL3	Hydronic S (5-6 kW)	Hydronic L3 (16-35 kW)	Hydronic M-II (8-12 kW)	Part number
~	~	~	~	~	~	~	22.1000.34.1500
							20.2800.70.2200 22.1000.35.2200
							22.1000.34.1300

CAN BUS CONNECTORS AND TEMPERATURE SENSORS

Temperature Sensor

Remote Temperature Sensor (To be used as air heater's external temperature sensor ONLY)
Controller Temperature Sensor (To be used with EasyStart Timer)
Temperature Sensor (To be used with EasyStart Pro)

[illegible]

* Use EasyScan to configure input as external temperature sensor

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