

# Distributed controller EAC-TPE

ASSA ABLOY

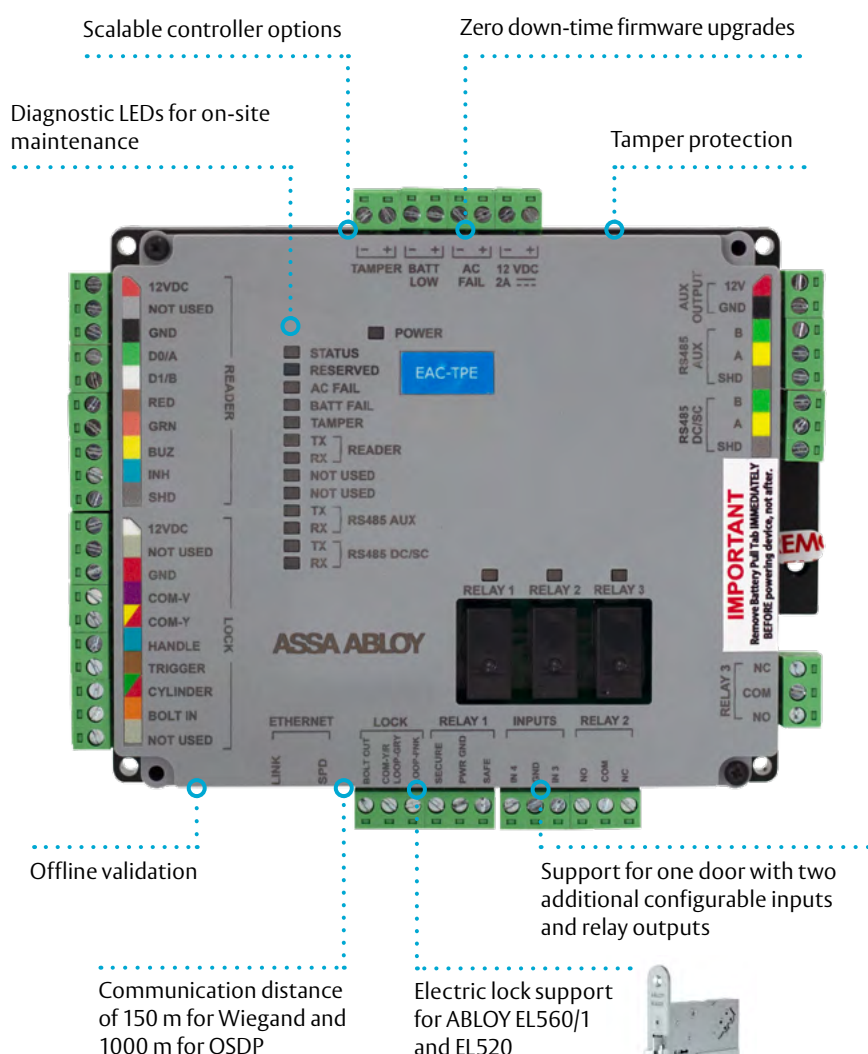
## supporting ABLOY® Electric Locks

### Technical information

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The EAC-TPE controller is ideal for new installations or retrofits when used in conjunction with ABLOY Electric Locks.

It is compatible with Primo and Incedo Plus v5.0 onwards.



#### Multifunction controller

The distributed controller with OSDP or Wiegand, supporting the EL range, offers versatility, serving as a single door controller, an embedded Lite controller, or a full-function system controller. Its adaptability is facilitated by a simple switch, allowing users to transition between various modes seamlessly.



#### Versatile functionality

With support for up to two OSDP readers or a single Wiegand input, the EAC-TPE enables flexible access control configurations, including relaxed and full anti-pass back (APB) access or single-entry setups. Additionally, it boasts secure end-of-line (EOL) sensing for all inputs and compatibility with legacy Wiegand readers.











#### Comprehensive features

The EAC-TPE features extensive storage capacity, capable of storing up to 10,000 credentials and 100,000 buffered transactions per channel. The controller's intuitive LED diagnostic indicators provide on-site visibility, while remote upgrade capabilities ensure effortless maintenance without downtime.



# Distributed controller with EL support – Specification

Controller series		EAC-TPE
		
	General information	
	Product description	Distributed controller plastic module
	Compatible systems	Primo, Incedo Plus v5.0 onwards
	Colour	Grey
	Dimensions (HxWxD)	164 mm x 140 mm x 28 mm
	Approximate product weight	350 g
	Material	PC plastic
	Electrical specification	
	Input voltage	12 V DC
	Power requirements relays off	120 mA @ 12 V DC
	Relay power requirements	0.45 W / relay @ 12 V DC
	Power input protection	Reverse polarity, over-current protection
	Interconnectivity	
	Ethernet	10/100 Base-T
	RS-485	1 x 38400 RS-485 port for controller networking, 1 x 38400 RS-485 port for Aperio wireless lock hubs
	OSDP and Wiegand	1 port for selection of OSDP and legacy Wiegand
	Input specification	
	Digital inputs	2 configurable inputs
	Input type	4 dry contact inputs with end-of-line (EOL) sensing
	Output specification	
	Number of relay outputs	3
	Output type	3 x independent, single-pole, double throw (SPDT) dry contact relays
	Relay contacts	Normally open, common, normally closed
	Contact ratings	5 A @ 28 V DC (TV-5 rated), 100 K operation minimum
	Environmental specification	
	Operating temperature	–25 °C to +60 °C
	Storage temperature	–40 °C to +85 °C
	Operating humidity	0–95 % relative humidity @ 40 °C non-condensing
	Environmental rating	IP10
	Certification	
	CE (EU)	Yes
	RoHS	Yes

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