

Distributed controller EAC-TPT / EAC-TPH / EAC-TMP

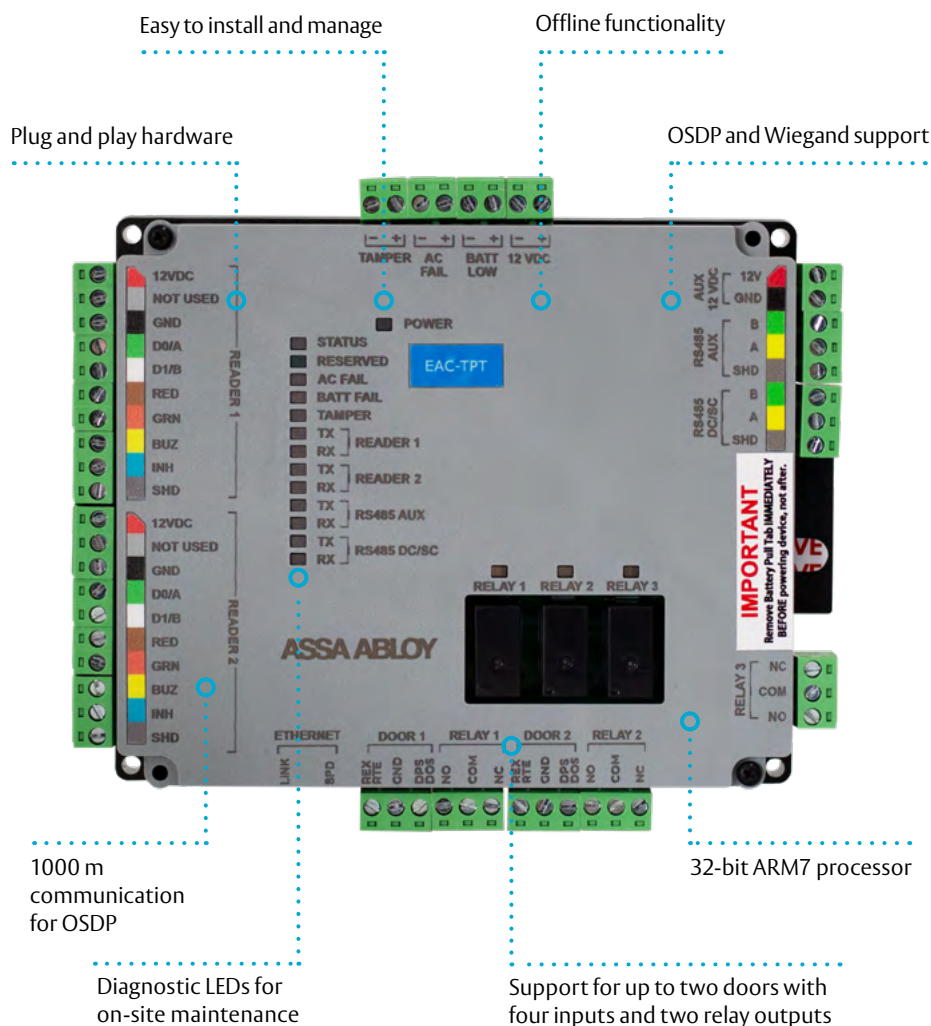
ASSA ABLOY

Technical information

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This two door controller comes in three variants with plastic and metal housing options. The metal version has a built-in power supply unit (PSU).

The controller is compatible with Primo, Incedo Plus v5.0 onwards and Incedo Lite.



Scalable control

The controller is scalable and can be switched from an embedded Lite controller to a full-function system controller. It is equipped with two reader inputs supporting the secure OSDP interface protocol, four inputs and three controllable relays, providing flexible access control for single or dual doors.



Versatile functionality











Compatible with OSDP and legacy Wiegand readers, the controller is equipped with 10 A single-pole and double-throw relays to interface with door strikes, magnetic locks, and various third-party devices. It has the capacity to store up to 10,000 credentials and maintains a buffer of 100,000 transactions per channel, enabling offline validation capabilities.



Seamless integration

Connectivity options include Ethernet or RS-485 cables for seamless integration with Primo, Incedo Plus and Incedo Lite. The master controller for reader interfaces can manage up to 64 fixed addresses.

Distributed controller – Specification

Controller series		EAC-TPT	EAC-TPH	EAC-TMP
				
	General information			
	Product description	Distributed controller plastic module	Distributed controller in plastic housing	Distributed controller in metal housing with integrated PSU
	Compatible systems	Incedo Plus v5.0 onwards, Incedo Lite, Primo	Incedo Plus v5.0 onwards, Incedo Lite, Primo	Incedo Plus v5.0 onwards, Incedo Lite, Primo
	Colour	Grey	Grey module and B/W enclosure	Black
	Dimensions (HxWxD)	164 mm x 140 mm x 28mm	260 mm x 230 mm x 100 mm	383 mm x 313 mm x 82 mm
	Approximate product weight	350 g	1150 g	4100 g
	Material	PC plastic	PC plastic module in ABS plastic housing	Mild steel housing
	Electrical specification			
	Input voltage	12 V DC		100–230 V AC
	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	1x38400 RS-485 port for controller networking, 1 x 38400 RS-485 port for Aperio wireless lock hubs		
	OSDP and Wiegand	2 x hardware selectable ports for selection of OSDP and legacy Wiegand		
	Input specification			
	Digital inputs	2 x door open sensor inputs and 2 x request to exit button inputs		
	Input type	4 dry contact inputs with end-of-line (EOL) sensing		
	Output specification			
	Number of relays 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	IP40	IP10
	Certification			
	CE (EU)	Yes		
	RoHS	Yes		

ASSA ABLOY Opening Solutions EMEA
 Digital and Access Solutions
 Dukes Court, Dukes Street
 Woking, GU21 5BH, United Kingdom

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