

# Access Control Starter, Expansion and Multi-Door Kits



## Features That Make a Difference

### Starter and Expansion Kits

- Everything needed to start a new or expand an existing access control system
- Integrates with Kantech EntraPass security management software
- Cost-efficient, easy to install, easy to use

### Multi-Door Controller Kits

- Controls up to 8 or 12 doors from one enclosure (depending on model size enclosure)
- Cost-effectively consolidate multiple controllers in a single enclosure
- Integrates with EntraPass security management software
- Expand system in 4-door increments
- Convenient and space saving

## One Kit. Many Solutions.

Choosing an access control system doesn't have to require hours spent sorting through hundreds of software, hardware, and reader offerings. Tyco Kantech's Access Control Kits include all of the essentials needed to get up and running quickly and easily.

Available in different configurations depending on number of doors, Access Control Kits are an ideal way to experience the value that Kantech brings to an integrated security solution. All components are also sold separately, which allows you to easily upgrade the Kantech access control solution to meet your growing needs.

### Starter Kits

Kantech Starter Kits offer a comprehensive solution for growing businesses that are seeking an easy-to-use and highly reliable access control system. These all-inclusive kits provide everything you need to create a complete (2- or 4-door) access control system. From the powerful EntraPass software to the KT-1, KT-300, and KT400 door controllers, and all peripherals in between, the Starter Kits ensure that nothing is left to chance.



## Ordering Information

Expansion Kits				
Model	Security Software	Controller	Readers	Other items
SK-CE-400-SCM	EntraPass Corporate Edition	KT-400	KT-MUL-SC (3) KT-MUL-MT-KP (1)	USB-485 converter (1), TR1675 transformer (1), KT-BATT-12 battery (1), MFP-2KSHL smart cards (5) (U.S. and Canada)
SK-CE-400-SCSG	EntraPass Corporate Edition	KT-400	KT-SG-SC (3) KT-SG-MT-KP (1)	USB-485 converter (1), TR1675 transformer (1), KT-BATT-12 battery (1), MFP-2KSHL smart cards (5) (U.S. and Canada)
SK-SE-400-SCM	EntraPass Special Edition	KT-400	KT-MUL-SC (3) KT-MUL-MT-KP (1)	USB-485 converter (1), TR1675 transformer (1), KT-BATT-12 battery (1), MFP-2KSHL smart cards (5) (U.S. and Canada)
SK-CE-1M-SCM	EntraPass Corporate Edition	KT-1-M	KT-MUL-SC (1)	MFP-2KSHL smart cards (5), KT-PTC1640UG 120V / 16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
SK-SE-1M-SCM-C	EntraPass Special Edition	KT-1-M	KT-MUL-SC (1)	MFP-2KSHL smart cards (5), KT-PTC1640CG 120V / 16 VAC 40 VA transformer (Canada only), KTPS4085 12 VDC power supply, KT-BATT-12 battery
SK-SE-1M-SCM	EntraPass Special Edition	KT-1-M	KT-MUL-SC (1)	MFP-2KSHL smart cards (5), JT-PTC1640UG) 120V / 16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
SK-CE-1M-SCM-C	EntraPass Corporate Edition	KT-1-M	KT-MUL-SC (1)	MFP-2KSHL smart cards (5), KT-PTC1640CG 120V / 16 VAC 40 VA transformer (Canada only), KTPS4085 12 VDC power supply, KT-BATT-12 battery
SK-CE-1-RDR	EntraPass Corporate Edition	KT-1	P225XSF (1)	P40KEY keyfob (5)
SK-CE-1M-RDR	EntraPass Corporate Edition	KT-1-M	P225XSF (1)	P40KEY keyfob (5), KT-PTC1640UG 120V / 16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
SK-SE-1-RDR	EntraPass Special Edition	KT-1	P225XSF (1)	P40KEY keyfob (5)
SK-SE-1M-RDR	EntraPass Special Edition	KT-1-M	P225XSF (1)	P40KEY keyfob (5), KT-PTC1640UG 120V / 16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery

SK-CE402	EntraPass Corporate Edition	KT-400	P225XSF (3), P225KPXSF (1)	USB-485 converter (1), TR1675 transformer (1), KT-BATT-12 battery (1) and P40KEY keyfob (5). (U.S. and Canada)
SK-CE403	EntraPass Corporate Edition	KT-400	P325XSF (3), P325KPXSF (1)	USB-485 converter (1), TR1675 transformer (1), KT-BATT-12 battery (1) and P40KEY keyfob (5). (U.S. and Canada)
SK-SE402	EntraPass Special Edition	KT-400	P225XSF (3), P225KPXSF (1)	USB-485 converter (1), TR1675 transformer (1), KT-BATT-12 battery (1) and P40KEY keyfob (5). (U.S. and Canada)
SK-SE403	EntraPass Special Edition	KT-400	P325XSF (3), P325KPXSF (1)	USB-485 converter (1), TR1675 transformer (1), KT-BATT-12 battery (1) and P40KEY keyfob (5). (U.S. and Canada)
SK-SE302	EntraPass Special Edition	KT-300	P225XSF (2)	USB-485 converter (1), TR1640P/UL transformer (1), KT-BATT-12 battery (1), KTRM1 relay (2) and P40KEY (5). (U.S. Only)

### Expansion Kits

Kantech Expansion Kits offer a comprehensive and easy-to-install solution for small to medium-size businesses to expand their access control system in one-door (KT-1), two-door (KT-300), or four-door increments (KT-400). The expansion kits are compatible with EntraPass Special Edition, Corporate Edition, and Global Edition.



## Ordering Information

Expansion Kits			
Model	Controller	Reader(s)	Other items
EK-400-MTM	KT-400	KT-MUL-MT (4)	TR1675 transformer (1), KT-BATT-12 battery (1) (U.S. and Canada)
EK-400-MTSG	KT-400	KT-SG-MT (4)	TR1675 transformer (1), KT-BATT-12 battery (1) (U.S. and Canada)
EK-1M-MTSG	KT-1-M	KT-SG-MT (1)	KT-PTC1640UG 120V /16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
EK-1M-MTSG-C	KT-1-M	KT-SG-MT (1)	KT-PTC1640CG 120V /16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
EK-1M-MTM	KT-1-M	KT-MUL-MT (1)	KT-PTC1640UG 120V / 16 VAC 40 VA transformer, KT-PS4085 12 VDC Power supply, KT-BATT-12 battery
EK-1M-MTM-C	KT-1-M	KT-MUL-MT (1)	KT-PTC1640CG 120V / 16 VAC 40 VA transformer (Canada only), KTPS485 12 VDC Power supply, KT-BATT-12 battery
EK-1-MTM	KT-1	KT-MUL-MT (1)	n/a
EK-1-MTM-C	KT-1	KT-MUL-MT (1)	n/a
EK-400-SCM	KT-400	KT-MUL-SC (4)	TR1675 transformer (1), KT-BATT-12 battery (1) (U.S and Canada)
EK-400-SCSG	KT-400	KT-SG-SC (4)	TR1675 transformer (1), KT-BATT-12 battery (1) (U.S and Canada)

EK-1M-SCM	KT-1-M	KT-MUL-SC (1)	KT-PTC1640UG transformer 120V / 16 VAC 40 VA, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
EK-1M-SCM-C	KT-1-M	KT-MUL-SC (1)	KT-PTC1640CG transformer 120V / 16 VAC 40 VA (Canada only), KT-PS485 12 VDC power supply, KT-BATT-12 battery
EK-1M-SCSG	KT-1-M	KT-SG-SC (1)	KT-PTC1640UG 120V /16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
EK-1M-SCSG-C	KT-1-M	KT-SG-SC (1)	KT-PTC1640CG 120V /16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
EK-1-RDR	KT-1	P225XSF (1)	n/a
EK-1M-RDR	KT-1-M	P225XSF (1)	KT-PTC1640UG 120V / 16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
EK-1M	KT-1-M	n/a	KT-PTC1640UG 120V / 16 VAC 40 VA transformer, KT-PS4085 12 VDC power supply, KT-BATT-12 battery
EK-400	KT-400	n/a	TR1675 transformer (1) and KT-BATT-12 battery (1) (U.S. and Canada)
EK-402	KT-400	P225XSF (4)	TR1675 transformer (1) and KT-BATT-12 battery (1) (U.S. and Canada)
EK-403	KT-400	P325XSF (4)	TR1675 transformer (1) and KT-BATT-12 battery (1) (U.S. and Canada)
EK-302	KT-300	P225XSF (2)	TR1640P/UL transformer (1), KT-BATT-12 battery (1) and KT-RM1 relay (2) (U.S. Only)
EK-IP302	KT-300	P225XSF (2)	VC-485 converter (1), TR1640P/UL transformer (1), KT-BATT-12 battery (1), KT-RM1 relay (2) and KT-IP communication device (1) (U.S. Only)
EK-IP300	KT-300	n/a	VC-485 converter (1), TR1640P/UL transformer (1), KT-BATT-12 battery (1), KT-RM1 relay (2) and KT-IP communication device (1) (U.S. Only)

### Multi-Door Controller Kits

Multi-Door Controller Kits provide all the necessary hardware components in one box to complete or extend an access control system. From powerful KT-300 PCB controllers to readers and keytags, our kits have you covered. These kits are ideal for large applications where space, time, and budget are important considerations. Rather than having to install separate enclosures for each controller, the kits enable you to mount multiple controllers inside a single enclosure.

Multi-Door Kits are also available to expand the system in 4-door increments. The expansion kits leave nothing to chance and provides the basic peripherals to expand your system, such as additional KT-300 controllers, transformers, rechargeable batteries, and more – all with the convenience of one model number.



## Ordering Information

Panel Enclosures			
Model	Description		
KT-CAB3000LDR	28-inch enclosure with door cover for two or four controllers		
	Dimensions (H x W x D)	72.4 x 36.2 x 10.2 cm (28.5 x 14.25 x 4 in)	
	Knock-out Dimensions (H x W x D)	2.22 x 4.44 x 6.35 cm (0.875 x 1.750 x 2.5 in)	
	Weight	12.2 kg (26.8 lbs)	
	Color	White	
KT- CAB4000LDR	42-inch enclosure with door cover for up to six controllers		
	Dimensions (H x W x D)	106.7 x 36.2 x 10.2 cm (42 x 14.25 x 4 in)	
	Knock-out Dimensions (H x W x D)	2.22 x 4.44 x 6.35 cm (0.875 x 1.750 x 2.5 in)	
	Weight	16.8 kg (37 lbs)	
	Color	White	
Multi-Door Controller Kits			
Model	Controller(s)	Readers	Other items
EK-4D-8	KT-300-PCB (2)	n/a	KT-CAB3000LDR 28" enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300-ACC accessory kits (2), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1). UL certified.
EK-4D-12	KT-300-PCB (2)	n/a	KT-CAB4000LDR 42" enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300-ACC accessory kits (2), TR1640P/UL transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1). UL certified.
EK-4D-ADD	KT-300-PCB (2)	n/a	KT-MP300 mounting plates (2), KT-BB100/BB101 battery plates (2), KT-300-ACC accessory kits (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4). UL certified.
EK-4D-8CDN	KT-300PCB128 (2)	n/a	KT-CAB3000LDR 28" enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300-ACC accessory kits (2), TR1640P/CSA transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1).
EK-4D-12CDN	KT-300PCB128 (2)	n/a	KT-CAB4000LDR 42" enclosure with door cover (1), KT-MP300 mounting plates (2), KT-BB100/BB101 battery brackets (2), KT-300-ACC accessory kits (2), TR1640P/CSA transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4), KT-TAMPER tamper switch (1), KT-LOCK lock and keys (1).
EK-4D-ADDCDN	KT-300PCB128 (2)	n/a	KT-MP300 mounting plates (2), KT-BB100/BB101 battery plates (2), KT-300-ACC accessory kits (2), TR1640P/CSA transformers (2), KT-BATT-12 rechargeable batteries (2), KT-RM1 relays (4).

### Door Accessories Kit

The Door Hardware Kit is the perfect way to complete your starter or expansion kit installation. It provides all the necessary components in one box including: T.Rex request-to-exit detector, door contact, electric door strike, and 3-door latch faceplates.



## Ordering Information

### Door Accessories Kit

Model	Description
DK-1	T.REX-LT request-to-exit-detector, door contact, 3.175 cm (1.25 in) electric door strike (12 VAC/DC, 200 mA), and 3 stainless steel faceplates: 3.175 cm (1.25 in) W x (4.875 in) H square corner, 3.175 cm (1.25 in) W x 12.382 cm (4.875 in) H round corner, and 3.649 cm (1.437 in) W x 20.159 cm (7.937 in) H square corner.

### About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit [www.kantech.com](http://www.kantech.com) or follow Kantech on LinkedIn, Twitter and Facebook.

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