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Smart Access



PrimeTec B PrimeScan B PrimeMotion B

The reliable solution for activating and protecting sliding doors in acc. with EN 16005

Practical, flexible, slender

- Convenient operation:
 Quick and easy to install
- A wide range of applications: Up to 3.8 metre wide field can be used as a light barrier substitute
- Top design: Modern and standardised

PrimeTec B / PrimeScan B / PrimeMotion B

The complete solution for activating and protecting sliding doors

PrimeTec B protects and opens

Tried-and-tested radar technology is used for opening automatic doors. The active infrared curtain, which protects people, can be used in place of a light barrier. Various functions can be set according to the situation, for example, the field geometry of the active infrared curtain and of the radar.

PrimeScan B monitors the secondary closing edge

The active infrared curtain ensures optimum protection of the area at the side of the door. It protects people in the danger area of the opening door panel.

PrimeMotion B opens and saves energy

The activation sensor, which is based on radar technology, reliably opens sliding doors and prevents unnecessarily long opening times thanks to direction recognition.



Your benefits

PrimeTec B / PrimeScan B

- Simple and straightforward operation via buttons and LCD
- Precise positioning of the AIR curtain thanks to inclination angle display on a clear scale
- Automatic recognition of the test input
- Polarity reversal and short-circuit-proof radar and infrared outputs
- Short guide fastened to the detector with a QR code that guides directly to the operating instructions (PrimeTec only)



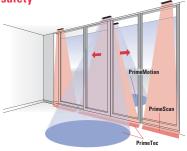






Field properties for additional safety

- Can even be used with wide passage dimensions and high-level lights
- Mounting height up to 4 metres with an AIR field width of 3.8 metres
- The AIR curtain replaces the light barrier

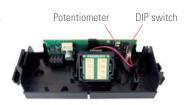


The benefits of radar and AIR technology in one sensor

- Dynamic activation and large detection areas thanks to radar technology
- Precise presence detection for protecting various danger points using AIR technology

PrimeMotion B

 Clear and comprehensible operation via four DIP switches and a potentiometer





Accessories

High-quality accessories make the innovative PrimeTec B, PrimeScan B and PrimeMotion B sensors so versatile that they can be used in an extremely wide range of applications.



PTCAP PrimeTec rain cover



PTIS
PrimeTec and
PrimeScan cover
installation set



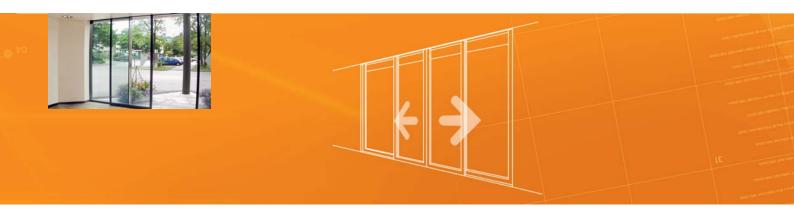
PTIS IP65
PrimeTec and
PrimeScan cover
installation set



PTCM PrimeTec and PrimeScan ceiling mounting



PMCAP PrimeMotion rain cover



Safe in every application

Situation

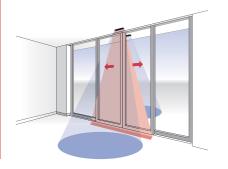
Activation and simple protection of sliding doors

Solution

 PrimeTec B for activation and protection on one side and PrimeMotion B for activation on the other side

Advantage

 A complete sensor kit with standardised and modern design



Situation

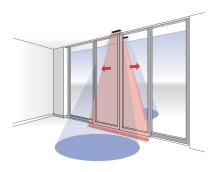
Activation and mid-level protection of sliding doors

Solution

 A PrimeTec B on both sides of the door for the highest possible degree of protection for the primary closing edge

Advantage

 High security, easy, standardised operation and modern design



Situation

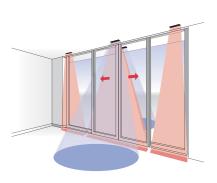
Activation and maximum protection of sliding doors

Solution

Two PrimeTec B units for protection of the primary closing edge and activation of the doors. Additionally, two PrimeScan B units for protecting the secondary closing edges

Advantage

Maximum security with easy, standardised operation and modern design



Order details

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260508	PrimeTec B ES bk (11.5-32 VDC)	1
266427	PrimeTec B ES si (11.5–32 VDC)	
263952	PrimeTec B ES wt (11.5–32 VDC)	The state of the s
293924	PrimeTec B ES/02 bk (AC/DC, 11–28 VAC/12–32 VDC, solid state relay output)	To the same
	(AG/DG, TI=20 v AG/ 12=32 v DG, Sulid State Teldy Output)	-
260509	PrimeScan B bk (11.5-32 VDC)	
266428	PrimeScan B si (11.5–32 VDC)	
263953	PrimeScan B wt (11.5-32 V DC)	
		1
		-
261008	PrimeMotion B bk (12–28 VAC / 11.5–32 VDC)	
266429	PrimeMotion B si (12–28 VAC/11.5–32 VDC)	
263954	PrimeMotion B wt (12–28 VAC/11.5–32 VDC)	
266168	PTCAP	
200100	PrimeTec rain cover	
266169	PTCM	
	PrimeTec and PrimeScan ceiling mounting	
266354	PTCA	
	PrimeTec circular line adapter	:
266355	PSCA	
200333	PrimeScan circular line adapter	
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288522	Hood PrimeTec bk	
290505	Hood PrimeTec si	
290504	Hood PrimeTec wt	A STATE OF THE PARTY OF THE PAR
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288523	Hood PrimeScan bk	
290509	Hood PrimeScan si	
290508	Hood PrimeScan wt	
		The state of the s
		-
290522	Hood PrimeMotion bk	
290522 290521	Hood PrimeMotion si	
290520	Hood PrimeMotion wt	
		-
264212	PTIS bk	
201212	PrimeTec and PrimeScan cover installation set	The same of the sa
265254	PTIS wt	
	PrimeTec and PrimeScan cover installation set	
355061	PTIS IP65 wt	
	PrimeTec and PrimeScan cover installation set	
289500	DMCAD	_
289300	PMCAP PrimeMotion rain cover	
	THINCINOLOHTAIN COVCI	. =
298210	Connection cable (assembled), 8 poles, 5000 mm	(Alex
	(PrimeTec and PrimeScan)	
		-
294550	Connection cable (assembled), 8 poles, 3000 mm	
	(PrimeTec and PrimeScan)	
040047		
312044	Interface PrimeTec A/B ES, PrimeScan A/B, AC/DC Relay	
	Input AC/DC, 11–28 VAC/12–32 VDC, output relay 48 V AC/DC,	The same of the sa
	max 2 A detachable screw terminals 8 x 1 mm ²	Section 1
	max. 2 A, detachable screw terminals 8 x 1 mm ² Colours: bk = black, wt = white, si = silver	A STATE OF THE PARTY OF THE PAR

Note: Technical details and recommendations concerning our products are based on experience and are an aid for the orientation of the user. Details stated in our brochures and data sheets do not guarantee special properties of the products. This does not apply to special product properties confirmed by us in writing or individually. Subject to technical alterations.

Technical data

Mechanical	data PrimeTec /	/ PrimeScan / PrimeMotion
Housing mat	erial	ABS / PA
Dimensions	PrimeTec B	$260 \times 60 \times 48.5 \text{ mm (L} \times \text{W} \times \text{D)}$
	PrimeScan B	$216 \times 60 \times 47.5 \text{ mm } (L \times W \times D)$
	PrimeMotion B	$172 \times 60 \times 48 \text{ mm (L} \times \text{W} \times \text{D)}$
Weight	PrimeTec B	250 g
	PrimeScan B	180 g
	PrimeMotion B	120 g

T	echnol	logical	data	PrimeTec	/ PrimeS	can/	PrimeN	lotion
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Technology	PrimeTec B	Active infrared, double field radar module
	PrimeScan B	Active infrared
	PrimeMotion B	Double field radar module

Radar PrimeTec / PrimeMotion

24.150 GHz
< 16 dBm
Max. 4.0 × 2.0 m
Min. 0.5 × 0.25 m
Max. 2.0 m × 4.0 m
Min. 0.16 m × 0.8 m

Active infrared PrimeTec / PrimeScar

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Dimensions of field	Max. $2.0 \text{ m} \times 0.2 \text{ m}$	
(at 2.2 m)		
Dimensions of AIR spot	30 mm × 30 mm	
Number of AIR spots	2 rows of 12 spots	
Performance Level (AIR)	PLd, Cat. 2	

Power supply	11.5-32 V DC
	≤ 120 mA
Making current	
Test input	Automatic detection
Response time to testsignal	< 10 ms (typical 2 ms)
	5 V DC32 V DC / ≤ 4 mA
AIR output	Solid state relay
	Max. 34 V DC, 24 V AC, max. 40 mA
Radar output	Solid state relay
	Max. 34 V DC, 24 V AC, max. 40 mA
Connection type	3 m cable with plug connector

Electrical PrimeMotion

Power supply	12-28 V AC / 11.5-32 V DC
Electrical power supply	≤ 120 mA
Making current	≤ 800 mA
Radar output	
Max. contact voltage	48 V AC / 48 V DC
Max. contact resistance	30 Ohm
Max. switching current	80 mA
Max. switching power	500 mW (AC) / 500 mW (DC)
Connection type	3 m cable

Ambient conditions PrimeTec/PrimeScan/PrimeMotion

Mounting height	Max. 4.0 m (EN 16005 up to 3.0 m) Min. 1.8 m
Operating temperature	-20°C to +60°C
Protection class	Suitable for use in acc. with IP54
Air humidity	≤ 95%, non-condensing

Norms

mmission	EN 61000-6-1, EN 61000-6-2
Emission	EN 61000-6-3, EN 61000-6-4
EC type examination	EN 16005
certificate in acc. with	BS7036-1 & BS7036-2 EN ISO 13849, EN 12978
	EN 300 440-1-2

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