

Motion Detectors

11/2

Inserts


11/4



Complete assemblies

Motion Detectors

Inserts

Selection and ordering data

Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
General information for claw and screw fixing screw terminals					
	Motion detector relay insert flush mounting insert for motion detector tops for switching extensive light sources and electrical loads of up to maximally 10 A / 230 V.	5TC1 500	024	1	
	Top, see section	Product range	Page		
	<i>Motion detectors</i>	<i>DELTA i-system</i>	1/21		
		<i>DELTA profil</i>	5/22		
		<i>DELTA style</i>	6/15		
	Technical specifications				
	Rated voltage	230 V AC, 50/60 Hz			
	Connected loads	<ul style="list-style-type: none"> • incandescent lamp load 2300 W • HV halogen lamps 2300 W • Conventional transformers 1000 VA • Electronic transformers 1500 W • Uncorrected fluorescent fixtures 1200 VA • Fluorescent lamps parallel p.f. corrected 920 VA • Fluorescent lamps in DUO circuit 2300 VA 			
	Extension units	<ul style="list-style-type: none"> • Number of motion detector extension unit inserts 10 • Number of mechanical pushbuttons unlimited • Maximum cable length (in total) 100 m 			
	Note	Section	Page		
Switching commands are issued by the release of the plug-on motion detector top or by an extension unit. For further details of tops, see ...	<i>Technical information/ Motion detectors/ Motion detector relay inserts</i>	18/39			

Design	Order No.	Price	PG	PS*/ P. unit												
		1 item		Items												
 <p>Motion detector triac insert flush mounting insert for motion detector tops for switching 230 V incandescent lamps, 230 V halogen lamps and LV halogen lamps with conventional transformers the lamp is switched on by means of a soft start.</p>	5TC1 501		024	1												
<table border="1"> <thead> <tr> <th>Top, see section</th> <th>Product range</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Motion detectors</i></td> <td><i>DELTA i-system</i></td> <td>1/21</td> </tr> <tr> <td></td> <td><i>DELTA profil</i></td> <td>5/22</td> </tr> <tr> <td></td> <td><i>DELTA style</i></td> <td>6/15</td> </tr> </tbody> </table>	Top, see section	Product range	Page	<i>Motion detectors</i>	<i>DELTA i-system</i>	1/21		<i>DELTA profil</i>	5/22		<i>DELTA style</i>	6/15				
Top, see section	Product range	Page														
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	<i>DELTA profil</i>	5/22														
	<i>DELTA style</i>	6/15														
Technical specifications																
Rated voltage, 2-conductor-connection	230 V AC, 50/60 Hz															
Connected loads																
• Incandescent lamp load	40 to 400 W															
• HV halogen lamps	40 to 400 W															
• Conventional transformers including power loss	max. 400 VA															
Short-circuit protection																
• Miniature fuse	T 1.6 H 250 V															
Extension units																
• Number of motion detector extension unit inserts	10															
• Number of mechanical pushbuttons	unlimited															
• Maximum cable length (in total)	100 m															
Note																
Switching commands are issued by the release of the plug-on motion detector top or by an extension unit. For further details of tops, see ...	<i>Technical information/ Motion detectors/ Motion detector triac inserts</i>	18/40														
 <p>Motion detector extension unit insert flush mounting insert for motion detector tops. The motion detector extension unit insert is a 3-wire extension unit which can only be used in combination with a motion detector relay insert or a motion detector triac insert. In case of a motion detection, a brightness-independent switching signal is issued to the center unit. The minimum time between the two switching signals of the motion detector extension unit insert amounts to approx. 5 sec. The evaluation is performed in the top of the center unit. The motion detector extension unit must not be assigned to more than one center unit. It is not suitable for the direct switching of loads.</p>	5TC1 502		024	1												
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	<i>DELTA profil</i>	5/22														
	<i>DELTA style</i>	6/15														
Technical specifications																
Rated voltage	230 V AC, 50/60 Hz N conductor required															
Connection	to the center unit with motion detector top															
Possible inserts for the center unit	<ul style="list-style-type: none"> • Motion detector relay insert (5TC1 500) • Motion detector triac insert (5TC1 501) 															
Extension units																
• number of motion detector extension unit inserts	10															
• maximum cable length (total)	100 m															
Note																
Switching commands are issued by the release of the plug-on motion detector top or by an extension unit. For further details of tops, see ...	<i>Technical information/ Motion detectors/ Motion detector extension unit inserts</i>	18/41														

Motion Detectors

Complete assemblies

Overview

DELTA matic motion detector

- For surface mounting
- IP44 degree of protection
- With integrated leakage protection and electronic detection range stabilization



Self-controlled systems offer comfort and security and generally make you feel good.

And that's exactly what the DELTA matic motion detectors from Siemens do. They passively register the thermal radiation of bodies moving within their monitoring range and automatically switch on the lighting and then off again. This means that the light is only switched on when it is really needed.

This saves electricity. It also creates a feeling of comfort, frightens off unwanted visitors and offers guests a radiant welcome.

Whether for private, public or commercial buildings – DELTA matic is designed for universal use.

Selection and ordering data

Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
 <p>DELTA matic motion detector neutral conductor required assembly height: 2.50 m range: approx. 12 m surface mounting degree of protection IP44 230 V AC, 50/60 Hz</p> <ul style="list-style-type: none"> • 130 <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) – sepia brown • 230 <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) – sepia brown • 270 <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) – sepia brown 					
	5TC7 091		024	1	
	5TC7 095		024	1	
	5TC7 092		024	1	
	5TC7 096		024	1	
	5TC7 093		024	1	
	5TC7 097		024	1	
	Note	Section	Page		
	Technical specifications and lamp loads, see ...	<i>Technical information/ Motion detectors/DELTA matic</i>	18/26		
	 <p>Special base for "DELTA matic motion detector" for outside-angle mounting</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • sepia brown 				
5TG8 406			024	1	
5TG8 407			024	1	