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SIEMENS

Data sheet 5TC7220-1

360° ceiling-mounting motion detector 230 V AC max. 3000 W Surface-mounting



Model	
product brand name	DELTA
design of motion sensor	Motion detector
design of transmission medium wireless transmission	No
General technical data	
diameter of the sensing field on the floor	7 m
detection angle horizontal	
● initial value	360°
● full-scale value	360°
mounting height optimum	2.5 m
surface processing	Other
range	
● on the front maximum	7 m
● lateral maximum	7 m
material	Thermoplast
Supply voltage	
operating voltage rated value	230 V
supply voltage frequency	
● minimum	50 Hz
● maximum	50 Hz
Protection class	
protection class IP	IP40
Switching capacity	
switching capacity current	16 A
switching capacity active power	2 300 W
Adjustable parameters	
adjustable light sensitivity	
● initial value	5 lx
● full-scale value	1 200 lx
adjustable OFF-delay time	
● initial value	6 s
● full-scale value	12 min
Appearance	
appearance	polished
RAL color number	9010
color	white
Product details	
product component	
● signaling contact	No
● extension input	No

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● signal lamp	Yes
● override switch	No
product feature	
● halogen-free	Yes
● transparent	No
product extension optional remote control	No

Product function

product function	
● adjustable responsiveness	No
● adjustable responsiveness for brightness	Yes
● dimmable for dimming use	No
● HVAC control	No
● constant light control	No
● animal path	No
● staircase monitoring	Yes
● teach function for response brightness	No
● creep-under protection/backfield monitoring	No
● networkable	No
● positive opening	No

Mechanical Design

material of the enclosure	plastic

Environmental conditions

ambient temperature during operation	
● minimum	-10 °C
● maximum	45 °C

Approvals Certificates

General Product Approval	Declaration of Conformity	other	
Confirmation		Miscellaneous	Confirmation

Further information

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5TC7220-1
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5TC7220-1
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TC7220-1
CAx-Online-Generator
http://www.siemens.com/cax
Tender specifications
http://www.siemens.com/specifications

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