SIEMENS

Data sheet 7LQ2300



twilight switches, with light sensor, 230 V, 50/60 Hz, 1 MW, 100 KLUX IP30

Model	
product brand name	SENTRON
product designation	Dimmer switch
Supply voltage	
operating voltage rated value	230 V
supply voltage frequency rated value	
● minimum	60 Hz
● maximum	50 Hz
Protection class	
protection class IP	IP30, IP40
protection class IP of the light sensor	IP55
operating resource protection class of the light sensor	II
Breaking Capacity	
switching capacity apparent power	
● for fluorescent lamp load with parallel compensation	1 000 V·A
● for uncompensated fluorescent lamp load	2 000 V·A
switching capacity current	
● rated value	16 A
switching capacity active power with incandescent lamp load	2 000 W
Adjustable parameters	
adjustable light sensitivity	
● initial value	2 lx
● full-scale value	100 000 lx
Connections	
wire length for the light sensor maximum	50 m
Mechanical Design	
height	90 mm
width	17.5 mm
depth	70 mm
installation depth	70 mm
number of modular width units	1
fastening method	standard mounting rail
fastening method of the light sensor	Wall mounting
Net Weight	148 g
Approvals Certificates	

Environment	General Product Approval	other

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Environmental Confirmations		Confirmation			Confirmation

other



Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7LQ2300
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/7LQ2300
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7LQ2300
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/7LQ2300

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