



Analogue Light intensity switch, DIN rail 1 TE, 1 NO contact, external light sensor Surface-mounted, 2-2000 Lux



Part no. **SRSD1NOW**  
 Catalog No. **196845**

### Design verification as per IEC/EN 61439

Technical data for design verification			
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0.3
Heat dissipation capacity	$P_{diss}$	W	0.8
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

### Technical data ETIM 7.0

Devices for distribution board-/surface mounting (EG000062) / Twilight switch for distribution board (EC001645)			
Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Twilight switch for distribution board (ecl@ss10.0.1-27-14-23-22 [ACN363011])			
Rated voltage	V		230
Rated frequency	Hz		50 - 60
Max. incandescent lamp load	W		2600
Max. load fluorescent lamp	VA		2300
Max. load fluorescent lamp (Duo circuit)	VA		2300
Max. load fluorescent lamp (parallel compensated)	VA		730
Max. switching current (cos phi = 0.6)	A		10
Rated switch current	A		16
Adjustment range brightness value	lx		2 - 2000
With programmable overnight shutoff			No
Push button input			No

Rated voltage light sensor	V	0
Max. conductor length light sensor	m	25
Protection class light sensor		II
Mounting method light sensor		Wall surface mounted
Mounting method		DIN rail
Width in number of modular spacings		1
Built-in depth	mm	65.5
Degree of protection (IP)		IP55
Degree of protection (IP) light sensor		IP54