SIEMENS

Data sheet

3SU1102-0AB60-1BA0



ILLUMINATED PUSHBUTTON, 22MM, ROUND, PLASTIC, WHITE, FLAT BUTTON, MOMENTARY CONTACT TYPE, WITH HOLDER, 1NO, LED MODULE, WITH INTEGRATED LED 24V AC/DC, SCREW TERMINAL

Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Pushbutton
Manufacturer article number	
 of supplied contact module 	3SU1400-1AA10-1BA0
 of supplied LED module 	3SU1401-1BB60-1AA0
 of the supplied holder 	3SU1500-0AA10-0AA0
 of the supplied actuator 	3SU1002-0AB60-0AA0

Actuator:				
Design of the operating mechanism		illuminated pushbutton with flat button		
Manner of function of the actuating element		Momentary contact type		
Product expansion optional Light source		Yes		
Color				
 of the actuating element 		White		
Material of the actuating element		plastic		
Shape of the actuating element		round		
Outer diameter of the actuating element	mm	29.45		
Number of contact modules		1		
Type of unlocking device		without		

Front ring:			
Product component front ring	Yes		
Design of the front ring	Standard		
Material of the front ring	plastic		
Color of the front ring	black		

Number of LED modules 1 Seneral technical data: Product function • positive opening No Product component • Light source Insulation voltage • Rated value V 320 Degree of pollution Vibration resistance • acc. to IEC 60068-2-6 Surge voltage resistance Rated value kV 4 Operating frequency maximum 1/h 3 600 Mechanical service life (switching cycles) • typical 10 000 000 Thermal current A 10 Protection class IP • of the terminal Equipment marking • acc. to DIN EN 61346-2 • acc. to IDN EN 61346-2 • acc. to IDN EN 61346-2 • acc. to DIN EN 61346-2	Holder: Material of the holder		Plastic
Number of LED modules Seneral technical data: Product function • positive opening Product component • Light source Insulation voltage • Rated value Degree of pollution Vibration resistance • acc. to IEC 60068-2-8 Surge voltage resistance Rated value Qperating frequency maximum Inh 3 600 Mechanical service life (switching cycles) • typical Electrical endurance (switching cycles) • typical Frotection class IP • of the terminal Equipment marking • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required Continuous current of the C characteristic MCB Operating voltage • with AC — at 50 Hz Rated value — at 60 Hz Rated value — maximum — minimum V 500 Contact reliability One maloperation per 100 million (17 V, 5 mA), one			1
Product function			
Product function • positive opening Product component • Light source Insulation voltage • Rated value V 320 Degree of pollution Vibration resistance • acc. to IEC 60068-2-6 Surge voltage resistance Rated value (V) 4 Operating frequency maximum I/h 3 600 Mechanical service life (switching cycles) • typical Internal current Protection class IP • of the terminal Equipment marking • acc. to DIN EN 81346-2 • acc. to DIN EN 81346-2 Pacing of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required Continuous current of the C characteristic MCB Operating voltage • with AC — at 50 Hz Rated value — maximum — minimum V 500 Contract reliability One maloperation per 100 million (17 V, 5 mA), one	Number of LED modules		1
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Light source	positive opening		No
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● Rated value	• Light source		Yes
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Mechanical service life (switching cycles) • typical Electrical endurance (switching cycles) • typical Thermal current Protection class IP • of the terminal Equipment marking • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required Continuous current of the C characteristic MCB Operating voltage • with AC — at 50 Hz Rated value — at 60 Hz Rated value — maximum — maximum — minimum Protection (syrical) 3 000 000 10 000 000 10 000 000 10 000 00	Surge voltage resistance Rated value	kV	4
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Operating voltage ● with AC — at 50 Hz Rated value — at 60 Hz Rated value V 5 500 ● for DC Rated value — maximum — maximum — minimum V 500 Over Electronics: Contact reliability One maloperation per 100 million (17 V, 5 mA), one			
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— at 60 Hz Rated value • for DC Rated value — maximum — minimum V 500 V 5 Power Electronics: Contact reliability One maloperation per 100 million (17 V, 5 mA), one	• with AC		
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— minimum V 5 Power Electronics: Contact reliability One maloperation per 100 million (17 V, 5 mA), one	● for DC Rated value		
Power Electronics: Contact reliability One maloperation per 100 million (17 V, 5 mA), one	— maximum	V	500
Contact reliability One maloperation per 100 million (17 V, 5 mA), one	— minimum	V	5
	Power Electronics:		
maioperation per 10 million (5 v, 1 mA)	Contact reliability		One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)

Supply voltage 1 of the light source with AC				
● at 50 Hz Rated value	V	24		
• at 60 Hz Rated value	V	24		
Supply voltage 1 of the light source for DC				
Rated value	V	24		
Auxiliary circuit:				
Number of NC contacts				
for auxiliary contacts		0		
Number of NO contacts				
 for auxiliary contacts 		1		
Number of CO contacts				
 for auxiliary contacts 		0		
Design of the contact of the auxiliary contacts		Silver alloy		
Connections/ Terminals:				
Type of electrical connection				
of modules and accessories		Screw-type terminal		
Type of connectable conductor cross-section				
solid with core end processing		2x (0.5 0.75 mm²)		
solid without core end processing		2x (1.0 1.5 mm²)		
 finely stranded with core end processing 		2x (0.5 1.5 mm²)		
 finely stranded without core end processing 		2x (1,0 1,5 mm²)		
 for AWG conductors 		2x (18 14)		
Tightening torque				
with screw-type terminals	N·m	0.8 1		
Lamp:				
Type of light source		LED		
Color of the light source		white		
Ambient conditions:				
Ambient temperature				
during operation	°C	-25 +70		
during storage	°C	-40 +80		
Installation/ mounting/ dimensions:				
Mounting type		front mounting		
• of modules and accessories		Front plate mounting		
Height	mm	40		
Width	mm	30		
Shape of the installation opening		round		
Mounting diameter	mm	22		
Certificates/ approvals:				

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