SIEMENS

Data sheet

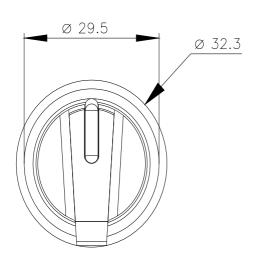
3SU1002-2BP60-0AA0

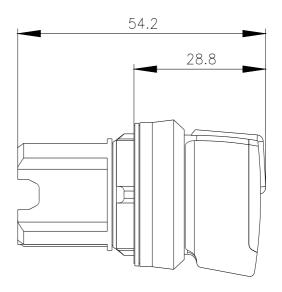


Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 3 switch positions I>O<II, momentary contact on the left, latching on the right, actuating angle $2x45^{\circ}$, 10:30h/12h/13:30h

product brand name SIRUS ACT product designation Selector switches design of the product Actualing/signaling element product type designation 3SU1 product line Plastic, black, 22 mm Factor		
design of the product Actuating/signaling element product type designation 3SU1 product time Plastic, black, 22 mm Enclosure 1 Actuator Commentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching principle of operation of the actuating element momentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching e light source Yes c contact module Yes c contact module Yes color of the actuating element plastic shape of the actuating element plastic actuating alement plastic shape of the actuating element statusting alement shape of the actuating element statusting alement actuating angle 45" e clockwise 45" Front ring yes design of the front ring plastic black Color of the front ring glack resistance sinusoidal half-wave 15g / 11 ms e or rating to Element service life (optealing cycles) typical 1.2.3, 3R, 4.4X, 12, 13 shety resistance sinusoidal half-wave 15g / 11 ms e lor railway applications according to EC 81346-2 S Subscince Prohibitance (Date) 1000 000 reference code accor	product brand name	SIRIUS ACT
product type designation 3SU1 product line Plastic, black, 22 mm Enclosure I number of command points 1 Actuator Gesign of the actuating element Selector, short principle of operation of the actuating element momentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching product actension optional • iight source Yes • contact module Yes contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching oft or of the actuating element while momentary contact/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching oft or of the actuating element while Yes oclor of the actuating element plastic shape of the actuating element outer diameter of the actuating element 32.3 mm nmumber of switching positions actuating angle 45" - actuating angle • clockwise 45" - actuating angle - • clockwise 45" - - - feeling of the front ring plastic - - <th>product designation</th> <th>Selector switches</th>	product designation	Selector switches
product line Plastic, black, 22 mm Enclosure number of command points 1 Actuator design of the actuating element Selector, short principle of operation of the actuating element momentary contact/latching. 2x45" (10:30 h/12 h/13:30 h), return from left, right latching islight source Yes • contact module Selector, short • attridiockwise 45" • attridiockwise 45" • attridiockwise <th>design of the product</th> <th>Actuating/signaling element</th>	design of the product	Actuating/signaling element
Enclosure I Actuator Impose of command points 1 Actuator Gesign of the actuating element Selector, short principle of operation of the actuating element momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching product extension optional Yes • light source Yes • contact module Yes cotor of the actuating element white material of the actuating element plastic shape of the actuating element plastic outer diameter of the actuating element Handle outer diameter of the actuating element Salage • lockwise 45° • actuating angle 45° • actiokwise 45° • anticlockwise 45° • anticlockwise 45° • anticlockwise 45° product component front ring plastic color of the front ring plastic color of the front ring plastic general exherical data 90 protection class IP IP66, IP67, IP69(I	product type designation	3SU1
number of command points 1 Actuator design of the actuating element Selector, short principle of operation of the actuating element momentary contract/latching, 2x45" (10:30 h/12 h/13:30 h), return from left, right latching product extension optional • iight source Yes • contact module Yes * color of the actuating element white material of the actuating element material of the actuating element Plastic * shape of the actuating element 3 actuating alement outer diameter of the actuating element 3 actuating angle • clockwise 45° * • anticlockwise 45° * front ring plastic plastic color of the front ring plastic * color of the front ring black General technical data protection class IP IP66, IP67, IP69(IP69K) # degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 \$ shock resistance * according to EK 61373 Category 1, Class B * operating frequency maximum 1 800 r/h 10	product line	Plastic, black, 22 mm
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principle of operation of the actuating element momentary contact/latching, 2x45° (10:30 h/12 h/13:30 h), return from left, right latching product extension optional * • light source Yes • contact module Yes color of the actuating element white material of the actuating element plasic shape of the actuating element Basic outer diameter of the actuating element 32.3 mm number of switching positions 3 actuating angle * • clockwise 45° • anticlockwise 45° • anticlockwise 45° • anticlockwise 45° • anticlockwise 45° e anticlockwise 45° oto of the front ring plastic color of the front ring plastic color of the front ring black General technical data protection class IP protection lass IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms operating frequency maximum 1 800 1/h <	Actuator	
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outer diameter of the actuating element 32.3 mm number of switching positions 3 actuating angle 45° • clockwise 45° • anticlockwise 45° Front ring Yes gdesign of the front ring yes design of the front ring plastic color of the front ring black General technical data protection class IP protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance sinusoidal half-wave 15g / 11 ms • for railway applications according to EN 61373 Category 1, Class B operating frequency maximum 1 800 1/h mechanical service Iife (operating cycles) typical 1 000 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 10/01/2014 Safety related data B10 value with high demand rate according to SN 31920 300 000	material of the actuating element	plastic
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product component front ringYesdesign of the front ringstandardmaterial of the front ringplasticcolor of the front ringblackGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (operating cycles) typical1 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Safety related data300 000	anticlockwise	45°
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General technical data protection class IP IP66, IP67, IP69(IP69K) degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13 shock resistance	material of the front ring	plastic
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degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 ms• according to IEC 60068-2-27sinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Boperating frequency maximum1 800 1/hmechanical service life (operating cycles) typical1 000 000reference code according to IEC 81346-2SSubstance Prohibitance (Date)10/01/2014Safety related dataB10 value with high demand rate according to SN 31920300 000	General technical data	
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Substance Prohibitance (Date) 10/01/2014 Safety related data 10/01/2014 B10 value with high demand rate according to SN 31920 300 000	mechanical service life (operating cycles) typical	1 000 000
Safety related data B10 value with high demand rate according to SN 31920 300 000	reference code according to IEC 81346-2	S
B10 value with high demand rate according to SN 31920 300 000	Substance Prohibitance (Date)	10/01/2014
	Safety related data	
proportion of dangerous failures	B10 value with high demand rate according to SN 31920	300 000
	proportion of dangerous failures	

	d rate according to SN 3192					
with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920			/o FIT			
	ow demand rate according t	10 SN 31920 100	FII			
Ambient conditions		_	_		_	
ambient temperature		05	. 70. 00			
during operation during storage			-25 +70 °C			
during storage environmental category during operation according to IEC			-40 +80 °C			
60721		ng to IEC 3MR	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)			
Environmental footprin	nt					
Environmental Product		Yes				
Global Warming Potential [CO2 eq] total			0.787 kg			
Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during manufacturing			6 kg			
Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation			35 kg			
global warming potential [CO2 eq] after end of life			15 kg			
Installation/ mounting/			5			
height		32.3	3 mm			
width			3 mm			
shape of the installat	ion openina	roui				
mounting diameter			3 mm			
positive tolerance of	installation diameter	0.4				
mounting height			3 mm			
installation width			3 mm			
installation depth			1 mm			
Approvals Certificates		20.				
General Product App	roval			Declaration of Confo	rmity	
CSA		UL	LIIL	EG-Konf.	UK CA	
CSA Test Certificates		uL Marine / Shipping	LIIL	EG-Konf.	СН	
CSA Test Certificates <u>Type Test Certific-</u> <u>ates/Test Report</u>	Special Test Certific- ate	UL Marine / Shipping	Lloyds Register uis	EG-Konf.		
Type Test Certific-			L Llovd's Register Uis	EG-Konf.		
<u>Type Test Certific-</u> ates/Test Report	ate		L Llovdis Register uis	EG-Konf.	LH	
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Type Test Certific- ates/Test Report other Confirmation Further information Siemens has decided https://press.siemens.cs Siemens is working of Please contact your loo EAC relevant market (or	ate Environment Environmental Con- firmations to exit the Russian mark com/global/en/pressrelease on the renewal of the curr cal Siemens office on the s other than the sanctioned E	ket (see here). Siemens-wind-down-ru ent EAC certificates. Itatus of validity of the EA	<u>ssian-business</u> AC certification if you inte	PRS	EINA	
Type Test Certific- ates/Test Report other Confirmation Further information Siemens has decided https://press.siemens.co Siemens is working of Please contact your loo EAC relevant market (of Information on the participation on the participation)	ate Environment Environmental Con- firmations	ket (see here). abs abs abs abs abs abs abs abs	<u>ssian-business</u> AC certification if you inte	PRS	EINA	
Type Test Certific- ates/Test Report other Confirmation Further information Siemens has decided https://press.siemens.cs Siemens is working of Please contact your lot EAC relevant market (of Information on the pa https://support.industry	ate Environment Environmental Con- firmations to exit the Russian mark com/global/en/pressrelease on the renewal of the curr cal Siemens office on the s other than the sanctioned E ackaging .siemens.com/cs/ww/en/vir vnloadcenter (Catalogs, E	xet (see here). abs abs abs abs abs abs abs abs	<u>ssian-business</u> AC certification if you inte	PRS	KINA	
Type Test Certificates/Test Report ates/Test Report other Confirmation Siemens has decided https://press.siemens.cc Siemens is working of Please contact your loot EAC relevant market (of Information on the pathttps://support.industry Information- and Down https://www.siemens.cc Industry Mall (Online https://mall.industry.sie	ate Environment Environmental Con- firmations to exit the Russian mark com/global/en/pressrelease on the renewal of the curr cal Siemens office on the s other than the sanctioned E ackaging .siemens.com/cs/ww/en/vio vnloadcenter (Catalogs, E om/ic10 ordering system) emens.com/mall/en/en/Cata	ket (see here). Joint Control of the Electron	ssian-business AC certification if you inte ussia or Belarus).	PRS	EINA	
Type Test Certific- ates/Test Report other Confirmation Further information Siemens has decided https://press.siemens.cc Siemens is working co Please contact your loo EAC relevant market (co Information on the pa https://support.industry Information- and Dow https://www.siemens.cc Industry Mall (Online https://mall.industry.sie Cax online generator	ate Environment Environmental Con- firmations to exit the Russian mark com/global/en/pressrelease on the renewal of the curr cal Siemens office on the s other than the sanctioned E ackaging siemens.com/cs/ww/en/vir wnloadcenter (Catalogs, E om/ic10 ordering system) emens.com/mall/en/en/Cata	Ret (see here). abs e/siemens-wind-down-ru rent EAC certificates. tatus of validity of the E. EAEU member states Ru ew/109813875 Brochures,) alog/product?mlfb=3SU	ssian-business AC certification if you inte ussia or Belarus).	nd to import or offer to sup	KINA	
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