## SIEMENS

## Data sheet

## 3SU1030-5XM01-0AA0-Z Y15



Key-operated switch IKON, 22 mm, round, plastic with metal front ring, lock number 360012K1, with 2 keys, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, key removal O, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brand name       SIRIUS ACT         product designation       Key-operated switches         design of the product       Actualing/signaling element         product type designation       3SU1         product line       Plastic with metal front ring, matt, 22 mm         manufacturer's article number of included key       3SU1950-0FR80-0AAQ         Actuator       momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides         principle of operation of the actuating element       momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides         outer diameter of the actuating element       metal         • of the actuating element       silver         material of the actuating element       Key         outer diameter of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         o       cockwise         + ockokwise       45°         • anticlockwise       45°         • anticlockwise       45°         font ring       Yes         product component front ring       Standard         material of the front ring       Standard         material of the front ring       Standard			
design of the product       Actuating/signaling element         product type designation       3SU1         product line       Plastic with metal front ring, matt, 22 mm         manufacturer's article number of included key       2SU1950-0FR80-0AA0         Actuator       momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides         principle of operation of the actuating element       momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides         product extension optional light source       No         color       • of the actuating element         material of the actuating element       metal         shape of the actuating element       Key         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper         case letters       anticlockwise         • clockwise       45°         • clockwise       45°         • lock make       ICON         key number       360012K1         product component front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         color of the front ring       IP60, IP67, IP69(IP69K)         • of the terminal       IP62 </th <th>product brand name</th> <th>SIRIUS ACT</th>	product brand name	SIRIUS ACT	
product type designation         3SU1           product line         Plastic with metal front ring, matt, 22 mm           manufacturer's article number of included key         2SU1950-0FR80-0AAQ           Actuator         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           principle of operation of the actuating element         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           product extension optional light source         No           color         silver           material of the actuating element         metal           shape of the actuating element         Key           outer diameter of the actuating element         Z9.5 mm           marking of the actuating element         Avy inscription, text in upper/lower case, all words begin with upper case letters           number of switching positions         3           switch position for key distraction         O           actuating angle         45°           • clockwise         45°           e anticlockwise         45°           feat material of the front ring         Yes           gesign of the front ring         Yes           gesign of the front ring         Standard           material of the front ring         IP66, IP67, IP69(IP69K)           of the terminal         IP20	product designation	Key-operated switches	
product line         Plastic with metal front ring, matt, 22 mm           manufacturer's article number of included key         32U1950-0FR80-0AA0           Actuator         principle of operation of the actuating element         momentary contact, 2x45* (10:30 h/12 h/13:30 h), return on both sides           principle of operation of the actuating element         momentary contact, 2x45* (10:30 h/12 h/13:30 h), return on both sides           of the actuating element         silver           material of the actuating element         key           outer diameter of the actuating element         Key           outer diameter of the actuating element         29.5 mm           marking of the actuating element         29.5 mm           number of switching positions         3           switch position for key distraction         O           actuating angle         45°           • otockwise         45°           lock make         ICON           key number         360012K1           Front ring         Yes           design of the front ring         Standard           material of the front ring         Standard           material of the front ring         Standard           gene of the front ring         IP66, IP67, IP69(IP69K)           • of the terminal         IP20	design of the product	Actuating/signaling element	
manufacturer's article number of included key       3SU1950-0FR80-0AAQ         Actuator       principle of operation of the actualing element         product extension optional light source       No         color       of the actuating element         material of the actuating element       metal         shape of the actuating element       Key         outer diameter of the actuating element       Key         marking of the actuating element       Avy inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         front ring       Yes         general technical data       100N         product component front ring       Metal, matt         color of the front ring       sand gray         General technical data       1P20         protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13      <	product type designation	3SU1	
Actuator       principle of operation of the actuating element       momentary contact, 2x45" (10:30 h/12 h/13:30 h), return on both sides         product extension optional light source       No         color       • of the actuating element         material of the actuating element       metal         shape of the actuating element       Key         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         e anticlockwise       45°         front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       IP20         degree of protection NEMA rating       IP20         idegree of protection NEMA rating       IP20         idegree of protection NEMA rating       Category 1, Class B         vibration resistance       according to IEC 600068-2-6         i	product line	Plastic with metal front ring, matt, 22 mm	
principle of operation of the actuating element         momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides           product extension optional light source         No           color         silver           material of the actuating element         silver           material of the actuating element         Key           outer diameter of the actuating element         Avy inscription, text in upper/lower case, all words begin with upper case letters           number of switching positions         3           switch position for key distraction         O           actuating angle         45°           e lockwise         45°           outer dimeter of the front ring         Standard           product component front ring         Yes           design of the front ring         Standard           material of the front ring         Metal, matt           color of the front ring         Standard           product component front ring         IP66, IP67, IP69(IP69K)           e of the terminal         IP20           deneral technical data         IP20           protection NEMA rating         I, 2, 3, 3R, 4, 4X, 12, 13           shock resistance         sinusoidal half-wave 15g / 11 ms           e coording to IEC 60068-2-27         sinusoidal half-wave 15g / 11 ms	manufacturer's article number of included key	<u>3SU1950-0FR80-0AA0</u>	
product extension optional light source         No           color         silver           material of the actuating element         metal           shape of the actuating element         metal           shape of the actuating element         29.5 mm           marking of the actuating element         Any inscription, text in upper/lower case, all words begin with upper case eletters           number of switching positions         3           switch position for key distraction         O           actuating angle         45°           e lockwise         45°           i anticlockwise         1CON           key number         360012K1           Front ring         Yes           geleign of the front ring         Standard           material of the front ring         Standard           material of the front ring         Standard           general technical data         IP20           protection class IP         IP66, IP67, IP69(IP69K)           e of the terminal         IP20           degree of protection NEMA rating         Sinusoidal half-wave 15g / 11 ms           e for railway applications according to EN 61373         Category 1, Class B	Actuator		
color       • of the actuating element       silver         material of the actuating element       metal         shape of the actuating element       Key         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         • anticlockwise       45°         • clockwise       1CON         key number       360012K1         Front ring       Yes         design of the front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20	principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides	
• of the actuating element       silver         material of the actuating element       metal         shape of the actuating element       Key         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         • anticlockwise       45°         • lock make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         color of the front ring       sand gray         General technical data       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       • according to IEC 60068-2-27         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       • for railway applications according to EN 61373	product extension optional light source	No	
material of the actuating element       metal         shape of the actuating element       Key         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       -         • clockwise       45°         • anticlockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       -         product component front ring       Standard         material of the front ring       Standard         material of the front ring       sand gray         General technical data       -         protection class IP       IP66, IP67, IP69(IP69K)         of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       -         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       -	color		
shape of the actuating element       Key         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Standard         general technical data       IP20         protection Class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         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         vibration resistance       according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	<ul> <li>of the actuating element</li> </ul>	silver	
outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       IP20         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	material of the actuating element	metal	
marking of the actuating element       Any inscription, text in upper/lower case, all words begin with upper case letters         number of switching positions       3         switch position for key distraction       0         actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         general technical data       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       IP20         gegre of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       • according to IEC 60068-2-27         • for railway applications according to EN 61373       Category 1, Class B	shape of the actuating element	Кеу	
number of switching positions       3         switch position for key distraction       0         actuating angle       0         • clockwise       45°         • anticlockwise       45°         • anticlockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       Standard         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	outer diameter of the actuating element	29.5 mm	
switch position for key distraction       O         actuating angle       45°         • clockwise       45°         • anticlockvise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       -         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	marking of the actuating element		
actuating angle       45°         • clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         product component front ring       Yes         design of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       IP20         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       •         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       •         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	number of switching positions	3	
• clockwise       45°         • anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         product component front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       IP66, IP67, IP69(IP69K)         of the terminal       IP20         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         vibration resistance       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	switch position for key distraction	0	
• anticlockwise       45°         lock make       ICON         key number       360012K1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       IP20         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         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         vibration resistance       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	actuating angle		
lock makeICONkey number360012K1Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B	clockwise	45°	
key number       360012K1         Front ring          product component front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data          protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance          • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance          • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	anticlockwise	45°	
Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, matt         color of the front ring       sand gray         General technical data       IP66, IP67, IP69(IP69K)         of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 15g / 11 ms         of or railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         of or railway applications according to EN 61373       Category 1, Class B	lock make	ICON	
product component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B	key number	360012K1	
design of the front ringStandardmaterial of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistancesinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistanceof 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B	Front ring		
material of the front ringMetal, mattcolor of the front ringsand grayGeneral technical dataprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• according to IEC 60068-2-27• for railway applications according to EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B	product component front ring	Yes	
color of the front ringsand grayGeneral technical dataIP66, IP67, IP69(IP69K)of the terminalIP20degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceInstanceof the railway applications according to EN 61373Category 1, Class Bvibration resistanceInstanceof railway applications according to EN 61373Category 1, Class Bcondition resistanceInstanceof railway applications according to EN 61373Category 1, Class Bvibration resistanceInstanceof railway applications according to EN 61373Category 1, Class B	design of the front ring	Standard	
General technical data         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       • according to IEC 60068-2-27         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       • according to IEC 60068-2-6         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	material of the front ring	Metal, matt	
protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       • according to IEC 60068-2-27         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       • according to IEC 60068-2-6         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	color of the front ring	sand gray	
• of the terminal       IP20         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance <ul> <li>according to IEC 60068-2-27</li> <li>sinusoidal half-wave 15g / 11 ms</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> </ul> vibration resistance <ul> <li>according to IEC 60068-2-6</li> <li> 500 Hz: 5g</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> </ul>	General technical data		
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 Bvibration resistance• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class B	protection class IP	IP66, IP67, IP69(IP69K)	
shock resistance         • according to IEC 60068-2-27         • for railway applications according to EN 61373         Category 1, Class B         vibration resistance         • according to IEC 60068-2-6         10 500 Hz: 5g         • for railway applications according to EN 61373         Category 1, Class B	of the terminal	IP20	
e according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms     for railway applications according to EN 61373 Category 1, Class B     vibration resistance     e according to IEC 60068-2-6 10 500 Hz: 5g     for railway applications according to EN 61373 Category 1, Class B	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
• for railway applications according to EN 61373       Category 1, Class B         vibration resistance	shock resistance		
vibration resistance       0         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms	
according to IEC 60068-2-6 10 500 Hz: 5g     for railway applications according to EN 61373 Category 1, Class B	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
for railway applications according to EN 61373     Category 1, Class B	vibration resistance		
	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g	
operating frequency maximum 1 800 1/h	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
	operating frequency maximum	1 800 1/h	

mechanical service life (switching cycles) typical	1 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +70 °C
<ul> <li>during storage</li> </ul>	-40 +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%)
Installation/ mounting/ dimensions	
height	29.5 mm
width	29.5 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	56.2 mm
installation width	29.5 mm
installation depth	25.4 mm
Certificates/ approvals	
Further information	
Information- and Downloadcenter (Catalogs, Brochures, https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/produc	,
Cax online generator http://support.automation.siemens.com/WW/CAXorder/defau	ult.aspx?lang=en&mlfb=3SU1030-5XM01-0AA0-Z Y15

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-5XM01-0AA0-Z Y15

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-5XM01-0AA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1030-5XM01-0AA0-Z Y15&lang=en

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