SIEMENS

Data sheet

3SB3801-0EF3



ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, YELLOW TOP PART, WITH PROTECTIVE COLLAR, 1 COMMAND POSITION, A=EMER.-STOP MUSHROOM PUSHBUTTON RED, 40MM, ROT.-TO-UNLATCH MECHANISM, 1NC, 1NC, SCREW TERMINAL, FLOOR MOUNTING, TOP AND BOTTOM 1 X M20 EACH !!! Phased-out product SIRIUS ACT 3SU1 is s Preferred successor type is >>3SU1801-0NB00-2AC2<<

Enclosure	
design of the housing	Enclosure for command and signaling devices with standard equipment
shape of the enclosure front	Square
material of the enclosure	plastic
number of command points	1
product component protective collar	Yes
color of the enclosure top part	yellow
delivery state	
• as a kit	No
 pre-wired on strip terminal 	No
fastening method of the enclosure	Vertical / horizontal
Actuator	
design of the actuating element	Emergency stop mushroom pushbutton
product feature	
lockout	No
product extension optional light source	No
color of the actuating element	red
material of the actuating element	plastic
type of unlocking device	rotate-to-unlatch mechanism
Front ring	
product component front ring	No
Holder	
material of the holder	Plastic
Contact block/ lampholder	
number of lampholders	0
number of switching elements	2
General technical data	
product function	
positive opening	Yes
EMERGENCY OFF function	Yes
EMERGENCY STOP function	Yes
product component	
light source	No
stand/pedestal	No
type of voltage of the operating voltage	AC/DC
protection class IP	IP65
vibration resistance according to IEC 60068-2-6	20 200 Hz: 5g
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	07/01/2006
operating voltage	

• at AC	
— at 50 Hz rated value	5 400 V
— at 60 Hz rated value	5 300 V
 at DC rated value 	5 230 V
operating voltage 1	
• at AC	
— at 50 Hz rated value	400 V
— at 60 Hz rated value	300 V
at DC rated value	
	230 V
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	0
operational current at AC-12	
 at 24 V rated value 	10 A
at 48 V rated value	10 A
 at 110 V rated value 	10 A
 at 230 V rated value 	10 A
• at 400 V rated value	10 A
operational current at AC-15	
at 24 V rated value	6 A
at 48 V rated value	6 A
• at 110 V rated value	6 A
• at 230 V rated value	6 A
• at 400 V rated value	3 A
operational current at DC-12	
 at 24 V rated value 	10 A
at 48 V rated value	5 A
• at 110 V rated value	2.5 A
 at 230 V rated value 	1 A
operational current at DC-13	
at 24 V rated value	3 A
• at 48 V rated value	1.5 A
 at 48 V rated value at 110 V rated value	1.5 A 0.7 A
 at 48 V rated value at 110 V rated value at 230 V rated value 	1.5 A
 at 48 V rated value at 110 V rated value at 230 V rated value Connections/ Terminals	1.5 A 0.7 A 0.3 A
at 48 V rated value at 110 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20
at 48 V rated value at 110 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket	1.5 A 0.7 A 0.3 A
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at 48 V rated value at 110 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N·m
at 48 V rated value at 110 V rated value at 230 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N·m
at 48 V rated value at 110 V rated value at 230 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N⋅m 100 000
at 48 V rated value at 110 V rated value at 230 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N⋅m 100 000 20 %
 at 48 V rated value at 110 V rated value at 230 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N⋅m 100 000 20 % 20 %
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 at 48 V rated value at 110 V rated value at 230 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with high demand rate according to SN 31920 with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature during operation 	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C
 at 48 V rated value at 110 V rated value at 230 V rated value connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 ambient conditions ambient temperature during operation during storage 	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N·m 100 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C
 at 48 V rated value at 110 V rated value at 230 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 during operation during storage environmental category during operation according to IEC 60721 	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C
 at 48 V rated value at 110 V rated value at 230 V rated value at 230 V rated value Connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3K6
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 at 48 V rated value at 110 V rated value at 230 V rated value connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 during operation during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method of contact blocks, socket, and accessories height width 	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N·m 100 000 20 % 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3K6 Floor mounting 85 mm 85 mm
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 at 48 V rated value at 110 V rated value at 230 V rated value connections/ Terminals type of electrical connection on enclosure tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 with high demand rate according to SN 31920 with high demand rate according to SN 31920 at EFIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method of contact blocks, socket, and accessories height width depth shape of the installation opening 	1.5 A 0.7 A 0.3 A Cable routing above, below / left, right, each 1 x M20 1 1.2 N·m 100 000 20 % 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3K6 Floor mounting 85 mm 106 mm round
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General Product Approval









Marine / Shipping





other

Confirmation

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3801-0EF3

Cax online generator

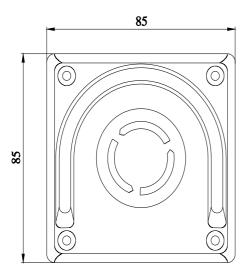
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3801-0EF3

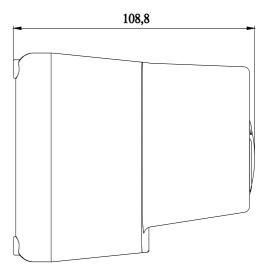
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SB3801-0EF3

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3801-0EF3&lang=en





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