

ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, ENCLOSURE TOP PART YELLOW, 1 COMMAND POSITION, A=EMER. STOP MUSHROOM PUSHBUTTON RED, METAL, 40MM, ROTATE-TO-UNLATCH, 1NO, 1NC, 1NC, SPRING-LOADED CONNECTION, FLOOR MOUNTING, NO LABEL, 1 X M20 EACH AT TOP AND BOTTOM, OFFER 47080

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	No
Color	
• of top part of the enclosure	yellow
Delivery state	
• as a kit	No
• pre-wired on strip terminal	No
Mounting type of the enclosure	Vertical
Actuator:	
Design of the operating mechanism	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	metal
Type of unlocking device	rotate-to-unlatch mechanism
Front ring:	
Product component front ring	No
Holder:	
Material of the holder	Metal
Contact block/ lampholder:	
Number of lampholders	0
Number of switching elements	3

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	
• acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
Equipment marking	
• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	S
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
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	1
Number of CO contacts	
• for auxiliary contacts	0
Operating 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
Operating 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
Operating 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
Operating current at DC-13	
• at 24 V rated value	3 A
• at 48 V rated value	1.5 A
• at 110 V rated value	0.7 A
• at 230 V rated value	0.3 A

Connections/ Terminals:

Type of electrical connection on enclosure	Cable routing above and below, both 1 x M20
Tightening torque of the screws in the bracket	1.4 ... 1.6 N·m

Safety related data:

B10 value	
• with high demand rate acc. to SN 31920	100 000
Proportion of dangerous failures	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
Failure rate [FIT]	
• with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Ambient conditions:

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6

Installation/ mounting/ dimensions:

Mounting type	
• of contact blocks, socket, and accessories	Floor mounting
Height	85 mm
Width	85 mm

Depth	64 mm
Shape of the installation opening	round
Mounting diameter	22 mm

Accessories:

Number of labels	0
Number of backing plates	0
Product component holder for 3 switching elements	Yes

Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
 UL	 EAC	 EG-Konf.	spezielle Prüfbescheinigungen <u>n</u>  ABS  DNV

Shipping Approval	other
 LRS  PRS	<u>Bestätigungen</u> <u>Umweltbestätigung</u>

Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3801-0FD3>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3801-0FD3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3801-0FD3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3801-0FD3&lang=en

last modified:

10/07/2016