

ENCLOSURE FOR 22MM PROGRAM METAL VERSION 1  
COMMAND POSITION YELLOW TOP PART WITH  
PROTECTIVE COLLAR A=EMERGEN.-STOP 40MM PULL-  
TO- UNLATCH,  
1NO, 2NC

Enclosure:		
Design of the enclosure		Enclosure for command and signaling devices with standard equipment
Material / of the enclosure		metal
Color / of top part of the enclosure		yellow
Number of Command Points		1
Product component / protective collar		Yes
Form / of the enclosure front		Square
Design of electrical connection / on enclosure		Cable routing above, below / left, right, each 1 x M20
Mounting type / of enclosure		Vertical / horizontal
Product function / EMERGENCY STOP function		Yes

Actuato/ signaling device:		
Design of the operating mechanism		Emergency stop mushroom pushbutton
Assembling of the commanding and signaling device		A = Emergency stop mushroom pushbutton
Number of mushroom pushbuttons		1
Number of indicator lights		0
Number of pushbuttons		0
Number of key-operated switches		0
Color / of the activation element		Red
Material / of the activation element		metal
Product component / front ring		No
Type of unlocking device		pull-to-unlatch mechanism

Holder:		
Material / of the holder		Metal

Contact block/ lampholder:		
Number of switching elements		3
Number of NC contacts / for auxiliary contacts		2
Number of NO contacts / for auxiliary contacts		1
Number of changeover contacts / for auxiliary contacts		0

<b>Product function / positive opening</b>	Yes
<b>Design of the contact / of the auxiliary contacts</b>	Gold-plated
<b>Number of lampholders</b>	0
<b>Mounting type / of contact blocks, socket, and accessories</b>	Floor mounting
<b>Design of electrical connection / of contact blocks, socket, and accessories</b>	Screw-type terminal
<b>Product component / fluorescent materials</b>	No
<b>Product extension / optional / fluorescent materials</b>	No

#### Accessories:









<b>Number of backing plates</b>	0
<b>Number of labeling plates</b>	0
<b>Product component / holder for 3 switching elements</b>	Yes

#### General technical details:

<b>Voltage type / of operating voltage</b>		AC/DC
<b>Operating voltage</b>		
• for DC		
• rated value	V	5 ... 230
• 1 / for DC / rated value	V	230
• at 50 Hz / at AC		
• rated value	V	5 ... 400
• 1 / at 50 Hz / for AC / rated value	V	400
• at 60 Hz / at AC		
• rated value	V	5 ... 300
• 1 / at 60 Hz / for AC / rated value	V	300
<b>Operating current</b>		
• at AC-12		
• at 24 V / rated value	A	10
• at 48 V / rated value	A	10
• at 110 V / rated value	A	10
• at 230 V / rated value	A	10
• at 400 V / rated value	A	10
• at AC-15		
• at 24 V / rated value	A	6
• at 48 V / rated value	A	6
• at 110 V / rated value	A	6
• at 230 V / rated value	A	6
• at 400 V / rated value	A	3
• at DC-12		
• at 24 V / rated value	A	10

<ul style="list-style-type: none"> <li>• at 48 V / rated value</li> <li>• at 110 V / rated value</li> <li>• at 230 V / rated value</li> </ul>	A	5
	A	2.5
	A	1
• at DC-13		
<ul style="list-style-type: none"> <li>• at 24 V / rated value</li> <li>• at 48 V / rated value</li> <li>• at 110 V / rated value</li> <li>• at 230 V / rated value</li> </ul>	A	3
	A	1.5
	A	0.7
	A	0.3
<b>Delivery state / pre-wired on strip terminal</b>		No
<b>Product component / stand/pedestal</b>		No
<b>Resistance against shock</b>		
<ul style="list-style-type: none"> <li>• for devices without incandescent lamp / according to IEC 60068-2-27</li> </ul>		<= 50g
<b>Resistance against vibration / according to IEC 60068-2-6</b>		20 ... 200 Hz: 5g
<b>Reference code</b>		
<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> <li>• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</li> </ul>		S S
<b>Tightening torque / of the screws in the bracket / maximum</b>	N-m	1
<b>Ambient temperature</b>		
<ul style="list-style-type: none"> <li>• during operating</li> <li>• during storage</li> </ul>	°C	-25 ... +70
	°C	-40 ... +80
<b>Protection class IP</b>		IP67
<b>B10 value / with high demand rate / according to SN 31920</b>		30,000
<b>Proportion of dangerous failures / with high demand rate / according to SN 31920</b>	%	20
<b>Proportion of dangerous failures / with low demand rate / according to SN 31920</b>	%	20
<b>Failure rate [FIT] / with low demand rate / according to SN 31920</b>	FIT	100
<b>T1 value / for proof test interval or service life / according to IEC 61508</b>	a	20
<b>climatic class / during the operating phase / according to EN 60721</b>		3K6
<b>Shape / of the installation hole</b>		round
<b>Mounting diameter</b>	mm	22
<b>Width</b>	mm	85
<b>Height</b>	mm	85
<b>Depth</b>	mm	114

Certificates/ approvals:

General Product Approval			Declaration of Conformity	Test Certificates
 CSA		 UL	 EG-Konf.	<a href="#">Special Test Certificate</a>
Shipping Approval				other
 ABS	 DNV	 LRS	 PRS	<a href="#">Confirmation</a> <a href="#">Environmental Confirmations</a>

**Further information:**

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

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

**Industry Mall (Online ordering system)**

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

**Cax online generator**

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3801-2DU3/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3801-2DU3](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3801-2DU3)

last change:

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