

ENCLOSURE FOR 22MM PROGRAM METAL VERSION 2
COMMAND POSITIONS YELLOW TOP PART
A=EMERGEN.-STOP KEY-OPER.SWITCH VL5,
RED,
1NO+1NC B=INDICATOR LIGHT RED INTEGRATED LED
24V WITH CUSTOM MADE INSCRIPTION
(VANDERLANDE)

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		2
Product component / protective collar		No
Form / of the enclosure front		rectangular
Design of electrical connection / on enclosure		Cable routing above and below, both 1 x M20
Mounting type / of enclosure		Vertical
Product function / EMERGENCY STOP function		Yes

Actuato/ signaling device:

Design of the operating mechanism		EMERGENCY STOP mushroom pushbutton with lock / indicator light
Assembling of the commanding and signaling device		A = Emergency stop mushroom pushbutton with lock / B = Indicator light
Number of mushroom pushbuttons		1
Number of indicator lights		1
Number of pushbuttons		0
Number of key-operated switches		0
Color / of the activation element		A = red / B = red
Material / of the activation element		metal
Product component / front ring		No
Type of unlocking device		rotate-to-unlatch mechanism

Holder:

Material / of the holder		Metal
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Contact block/ lampholder:

Number of switching elements		2
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Number of NC contacts / for auxiliary contacts		1
Number of NO contacts / for auxiliary contacts		1
Number of changeover contacts / for auxiliary contacts		0
Product function / positive opening		Yes
Number of lampholders		1
Execution of the mounting		integrated LED
Mounting type / of contact blocks, socket, and accessories		Floor mounting
Design of electrical connection / of contact blocks, socket, and accessories		Screw-type terminal
Product component / fluorescent materials		Yes
Product extension / optional / fluorescent materials		No

Accessories:

Number of backing plates		0
Number of labeling plates		2
Color / of labeling plate		Black
Product component / holder for 3 switching elements		No

General technical details:

Voltage type / of operating voltage		AC/DC
Operating voltage		
• 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
Operating current		
• 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 • at 400 V / rated value	A	6
• at DC-12 • at 24 V / rated value • at 48 V / rated value • at 110 V / rated value • at 230 V / rated value	A	3
• at DC-13 • at 24 V / rated value • at 48 V / rated value • at 110 V / rated value • at 230 V / rated value	A	10
	A	5
	A	2.5
	A	1
	A	3
	A	1.5
	A	0.7
	A	0.3
Type of voltage / of the supply voltage / of light source		AC/DC
Supply voltage / 1 / of the fluorescent material		
• at 50 Hz / for AC / rated value • at 60 Hz / for AC / rated value • for DC / rated value	V	24
	V	24
	V	24
Delivery state / pre-wired on strip terminal		No
Product component / stand/pedestal		No
Resistance against shock		
• for devices without incandescent lamp / according to IEC 60068-2-27		<= 50g
Resistance against vibration / according to IEC 60068-2-6		20 ... 200 Hz: 5g
Reference code		
• according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		S
		S
Tightening torque / of the screws in the bracket / maximum	N·m	1
Ambient temperature		
• during operating • during storage	°C	-25 ... +60
	°C	-40 ... +80
Protection class IP		IP67
B10 value / with high demand rate / according to SN 31920		100,000
Proportion of dangerous failures / with high demand rate / according to SN 31920	%	20
Proportion of dangerous failures / with low demand rate / according to SN 31920	%	20
Failure rate [FIT] / with low demand rate / according to SN 31920	FIT	100
T1 value / for proof test interval or service life / according to IEC 61508	a	20
climatic class / during the operating phase / according to EN 60721		3K6

Shape / of the installation hole		round
Mounting diameter	mm	22
Width	mm	85
Height	mm	114
Depth	mm	65

Certificates/ approvals:

General Product
Approval

Declaration of
Conformity

Test Certificates



[Special Test
Certificate](#)

Shipping Approval



other

[Confirmation](#)

[other](#)

[Environmental
Confirmations](#)

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/3SB3802-2DG20/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3802-2DG20

last change:

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