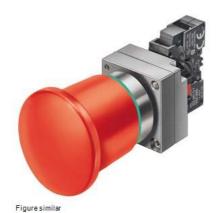
SIEMENS

Data sheet 3SB3603-1TR20



22MM METAL ROUND COMPLETE UNIT COMBINATION: EMERGEN.-STOP MUSHR.PUSHB. 40MM LATCHING W.PULL-TO-UNLOCK MECH. WITH YELLOW BACKING PLATE SCREW TERMINAL, 1NC WITH HOLDER RED SOLVENT RESISTANT INSCRIPTION: EMERGENCY STOP !!! Phased-out product !!! SIRIUS ACT 3SU1 is suc Preferred successor ty >>3SU1150-1HA20-1CG0 <<

design of the product	Complete unit round with positive latching in accordance with ISO 13850	
Enclosure		
shape of the enclosure front	round	
material of the enclosure	metal	
number of command points	1	
Actuator		
design of the actuating element	EMERGENCY STOP mushroom pushbutton	
principle of operation of the actuating element	latching	
product extension optional light source	No	
color of the actuating element	red	
material of the actuating element	plastic	
type of unlocking device	pull-to-unlatch mechanism	
number of switching positions	2	
Front ring		
product component front ring	No	
Holder		
material of the holder	Metal	
Contact block/ lampholder		
number of lampholders	0	
number of switching elements	1	
General technical data		
product function positive opening	Yes	
product component light source	No	
type of voltage of the operating voltage	AC/DC	
protection class IP	IP67	
vibration resistance according to IEC 60068-2-6	20 200 Hz: 5g	
operating frequency maximum	1 000 1/h	
mechanical service life (switching cycles) typical	300 000	
reference code according to IEC 81346-2	S	
Substance Prohibitance (Date)	07/01/2006	
operating voltage rated value	5 400 V	
Auxiliary circuit		
number of NC contacts for auxiliary contacts	1	
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	

1440.1/	40.4		
• 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 110 V rated value 	0.7 A		
 at 230 V rated value 	0.3 A		
Connections/ Terminals			
type of electrical connection	screw-type terminals		
tightening torque of the screws in the bracket	1.4 1.6 N·m		
Safety related data			
B10 value with high demand rate according to SN 31920	30 000		
proportion of dangerous failures			
with low demand rate according to SN 31920	20 %		
with high demand rate according to SN 31920	20 %		
failure rate [FIT] with low demand rate according to SN	100 FIT		
31920			
Ambient conditions			
ambient temperature			
 during operation 	-25 +70 °C		
during storage	-40 +80 °C		
environmental category during operation according to IEC	3K6		
60721			
Installation/ mounting/ dimensions			
fastening method	front mounting		
shape of the installation opening	round		
mounting diameter	22 mm		
mounting height	49 mm		
installation width	40.5 mm		
installation depth	49 mm		
Accessories			
product component holder for 3 switching elements	No		
Certificates/ approvals			
		Functional	
General Product Approval		Safety/Safety of	Marine / Shipping
		Machinery	













Marine / Shipping other









Miscellaneous

Confirmation

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/product?mlfb=3SB3603-1TR20

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SB3603-1TR20}$

 ${\bf Service \& Support~(Manuals,~Certificates,~Characteristics,~FAQs,...)}$

https://support.industry.siemens.com/cs/ww/en/ps/3SB3603-1TR20

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3603-1TR20&lang=en

1/26/2022 🖸