SIEMENS

Data sheet US2:49SDPB5



Class 49 Pushbutton Kit

product brand name	Enclosed Control Product Accessories
design of the product	Start-Stop Push Buttons
product type designation	Pilot device
special product feature	For use in enclosures with lift-off cover.
General technical data	
weight [lb]	0.4 lb
Height x Width x Depth [in]	3.5 × 1.75 × 3.22 in
touch protection against electrical shock	finger-safe
ambient temperature [°F]	
● during storage	-40 ... +149 °F
● during operation	-4 ... +104 °F
ambient temperature	
● during storage	-40 ... +65 °C
● during operation	-20 ... +40 °C
country of origin	Mexico
accessories / included	Wires, legend holders & legend plates
Actuator	
diameter	22 mm
design of the actuating element	Flush pushbutton (FOR & REV); Raised pushbutton (STOP)
material / of the actuating element	Plastic
color / of the actuating element	START = black / STOP = red
product function / illumination	No
number of switching positions	2
mechanical service life (operating cycles) / typical	10 000 000
Contact block	
number of NC contacts / for auxiliary contacts	1
number of NO contacts / for auxiliary contacts	1
design of the contact / of auxiliary contacts	Silver alloy
mechanical service life (operating cycles) / of auxiliary contacts / typical	10 000 000
electrical endurance (operating cycles)	10 000 000
Legend	
material	Synthetic paper label with adhesive back
marking / of inscription plate	ON OFF START STOP JOG
color / of inscription plate	Black foreground / White background
Mounting/wiring	
fastening method	Bracket for use with enclosures with lift-off covers
type of electrical connection	screw terminal
tightening torque [lbf·in] / with screw-type terminals	7 ... 8 lbf·in
type of connectable conductor cross-sections / for AWG cables / for control connection / with screw-type terminals / single or	2x (18 ... 16 AWG)

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multi-stranded	
temperature / of the conductor / for control connection / with screw-type terminals / maximum permissible	75 °C
material / of the conductor	CU

Certificates/ approvals

certificate of suitability	cULus

Further information

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:49SDPB5
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/US2:49SDPB5
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_us.aspx?mlfb=US2:49SDPB5&lang=en

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