

Switch, 22mm 3-Pos. maintained Standard lever Hand-Off-Auto legend Consists of 3SU device Environmental rating NEMA 1, 2, 3, 3R, 4, 4X, 12, 13

product brand name	Enclosed Control Product Accessories
design of the product	HOA Selector Switch
product type designation	Pilot device
special product feature	For use in enclosures with hinged cover.

General technical data

weight [lb]	0.3 lb(av)
Height x Width x Depth [in]	1.63 × 1.22 × 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	Germany
accessories / included	Wires, legend holders & legend plates

Actuator

diameter	22 mm
design of the actuating element	Short lever
material / of the actuating element	Plastic
color / of the actuating element	White foreground / Black background
product function / illumination	No
number of switching positions	3
mechanical service life (operating cycles) / typical	1 000 000

Contact block

number of NC contacts / for auxiliary contacts	0
number of NO contacts / for auxiliary contacts	2
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	Plastic
marking / of inscription plate	Hand O Auto
color / of inscription plate	Black foreground / White background

Mounting/wiring

fastening method	front mounting
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 multi-stranded	2x (18 ... 16 AWG)
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
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Further information

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:49SDS01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/US2:49SDS01>

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

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