



D4NL-4FFA-B

Guard lock safety-door switch, D4NL, M20, 2NC/1NO + 2NC (slow-action), head: plastic, mechanical lock/24-VDC solenoid release, 10 to 115 VAC/VDC LED indicator

Specifications

Door switch type	Key-operated
Guard-lock	✓
Material housing	Plastic
Material head	Plastic
Ambient temperature (operating)	-10-55 °C
Connection method	Screw terminal
Cable length	0 m
Direction of operation	Adjustable
Holding force	1300 N
Door contacts NC	2
Door contacts NO	1
Lock monitor contacts NC	2
Lock monitor contacts NO	0
Lock/Release key type	Standard key
Lock/Release key position	Bottom
Lock/Release key material	Resin
Solenoid voltage	24 V
LED indicator	✓
Degree of protection (IP)	IP67
Conduit size	M20
Number of conduits	2
Switch action	Slow action
Shape	Cuboid

Overall length of sensor	95 mm
Height of sensor	35.5 mm
Width of sensor	88.5 mm
Switch without actuator	✓
Lock/Release logic	Power to unlock (Mechanical lock)

Accessories



D4DS-K1

Operation key for D4NL/NS; horizontal mounting



D4DS-K2

Operation key for D4NL/NS; vertical mounting



D4DS-K3

Operation key for D4NL/NS; adjustable mounting (horizontal)



D4DS-K5

Operation key for D4NL/NS; adjustable mounting (horizontal/vertical)

CAD Library



D4NL Instruction Sheet

EN PDF 880 KB



D4NL Guard Lock Safety-door Switch Datasheet

EN PDF 4.6 MB



EAC Mark removal Discontinuation Notice

EN PDF 221 KB



Machine Safety Catalogue

EN PDF 9.91 MB



Safety Component Selection Guide EU Brochure

EN PDF 5.26 MB



Safety Interlock Switches Brochure

EN PDF 1.52 MB



Safety Solution Advanced Guide Guide

EN PDF 2.57 MB



Safety Solution Basic Guide Guide

EN PDF 14.4 MB