D4C-1220				
	Enclosed Switch, Roller lever, 5 A at 250 VAC/ 4 A at 30 VDC, VCTF oil-resistan cable, 3 m			
	Shape/Structure	General-purpose Limit switches		
March 1	Actuator	Roller lever		
	Electrical ratings	5 A at 250 VAC/ 4 A at 30 VDC		
and the second se	Contact form	SPDT		
	Cable specifications	VCTF oil-resistant cable, 4 cores, 3 m		
	Degree of protection	IP67		
Shane/Structure	General nurnose Limit quitaba	As of August 8, 202		
Shape/Structure	General-purpose Limit switches			
ctuator	Roller lever 17.5 dia. x 7 Sintered stainless steel roller R38			
Electrical ratings	5 A at 250 VAC/ 4 A at 30 VDC			
Frequency	50/60 Hz			
Contact form	SPDT			
Load	General load			
Ratings (AC): Non-Inductive load	Resistive load: 5 A at 125 VAC/5 A at 250 VAC Lamp load (NC): 1.5 A at 125 VAC/1 A at 250 VAC Lamp load (NO): 7 A at 125 VAC/0.5 A at 250 VAC Inductive load: 3 A at 125 VAC/2 A at 250 VAC Motor load (NC): 2.5 A at 125 VAC/1.5 A at 250 VAC Motor load (NO): 1.3 A at 125 VAC/0.8 A at 250 VAC			
Ratings (DC): Non-Inductive load	Resistive load: 5 A at 8 VDC/5 A at 14 VDC/4 A at 30 VDC/0.4 A at 125 VDC/0.2 A at 250 VDC Lamp load: 2 A at 8 VDC/2 A at 14 VDC/2 A at 30 VDC/0.05 A at 125 VDC/0.03 A at 250 VDC Inductive load (NC): 5 A at 8 VDC/4 A at 14 VDC/3 A at 30 VDC/0.4 A at 125 VDC/0.2 A at 250 VDC Inductive load (NO): 4 A at 8 VDC/4 A at 14 VDC/3 A at 30 VDC/0.4 A at 125 VDC/0.2 A at 250 VDC Inductive load (NO): 4 A at 8 VDC/4 A at 14 VDC/3 A at 30 VDC/0.4 A at 125 VDC/0.2 A at 250 VDC			
Inrush current	NC: 20 A max. NO: 10 A max.			
Earth terminal	With earth wire			
Cable specifications	VCTF oil-resistant cable, 4 core	es, 3 m		
	Newstand a setting of success 0.75 and			

27/12/24, 2:01 µ.µ.

## D4C-1220 | OMRON Industrial Automation

	Diameter: 7.6 dia.	
Ambient temperature	Operating: -10 to 70 °C (with no icing)	
Ambient humidity	35 to 95 %	

Permissible operating frequency	Electrical: 30 operations / 1 minute max. Mechanical: 120 operations / 1 minute max.
Contact resistance (Initial value)	300 mΩ max.
Insulation resistance	100 MΩ min. (at 500 VDC)
Dielectric strength	Between each terminal of the same polarities: 1,000 VAC 50/60 Hz 1 min Between live-metallic part and ground: 1,500 VAC 50/60 Hz 1 min Between each terminal and non-live-metallic part: 1,500 VAC 50/60 Hz 1 min
Impulse withstand voltage	Between live-metallic part and ground: 2.5 kV Between each terminal and non-live-metallic part: 2.5 kV
Durability	Electrical: 200,000 operations min. (5 A at 125 VAC) Mechanical: 10 million operations min.
Vibration resistance	Malfunction: 10 to 55 Hz, 1.5 mm double amplitude
Shock resistance	Destruction: 1,000 m/s <sup>2</sup> max. Malfunction: 500 m/s <sup>2</sup> max.
Degree of protection	IP67
Classification of protection against electric shock	Class I (with earth wire)

Operating Force (OF)	Standard value 5.69 N max.
Release Force (RF)	Standard value 1.47 N min.
Pre-Travel (PT)	Standard value 25 ° max.
Movement Differential (MD)	Standard value 3 ° max.
Over-Travel (OT)	Standard value 40 ° min.

As of August 8, 2024

Dimensions

As of August 8, 2024



