

FOOT SWITCHES

PRODUCT NUMBER 2420.0421



TECHNICAL DATA

Product number	2420.0421	
Business unit	Switches, Sensors & Controls	
Product Manager	Hengstler	
Product family	Foot switches	
Actuation type	direct	
Weight	230.000 g	
ROHS conform	yes	
Switching function	Changeover switch (DPDT momentary)	
Material fixed contact	AgNi	
Number of poles	2 - pole	
connections	Socket terminal, M3	
Mechanical life endurance	1E5	
Rating IEC	14 (4) A 250 V AC 5E4	
Contact resistance (new condition)	< 100 mOhm	
Proof tracking	250 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	→ Connection	IP 65 and IP 67
	→ Actuator	IP 66 and IP 67
Ambient temperature	-20 °C ... +85 °C	
Ambient temperature	-20 °C ... +85 °C	
Actuators and additional actuators	foot plate: PA glass fiber-reinforced, black	
Housing description	base plate: PA glass fiber-reinforced, black, 4 rubber feet cover: PA glass fiber-reinforced, black cable bushing: PA glass fiber-reinforced, black, with gasket	
Connection surface	→ bearing connection	nickel-plated
	→ external connection	nickel-plated
Contact material	AgNi	

Contact distance	< 3 mm
Basic components	2 x 1080.0283
Contact type	jump contact
Operating force	35 ±10 N
Free position (FP) max.	25 ±2 mm
Operating position (OP)	20.9 ±2 mm
Permissible total travel position	16.9 ±2 mm
Approval marks	ENEC 10
Miscellaneous	with strain relief
Additional labeling	site, year, week, day of manuf.
Degree of pollution	3
Type of connection	1.2 Single pole, single load (single-pole disconnection), 2.2 Single pole, single load (single-pole disconnection)
Stock version	●

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

Marquardt GmbH · Schloss-Straße 16 · 78604 Rietheim-Weilheim · Germany
Phone: +49 (0) 7424 / 99-0 · Fax: +49 (0) 7424 / 99-2399 · www.marquardt.com · marquardt@marquardt.de

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