SERIES 2420 - IP 65 / 67 PROTECTED FOOT SWITCH

TO 16 (4) A 250 V AC 25E3



PRODUCT FEATURES

- Protected against dust and water (IP 65 / IP 67)
- Snap-action switching system proved millions of times
- Compact design with clearly discernable tactile feedback, robust and anti-slip, screw holes for fixing to the floor (optional)
- Versions for low DC signal currents, up to ratings of 16 A 250 V AC
- Wide range of switching functions, with and without cables
- Modern switch design, rocker available in different colors, can be printed to customer specifications
- Cable assembly on customer side

ON REQUEST

- Special switching functions
- Other colors
- Customer logo
- Customized cable assembly

Mechanical life endurance	**2E6**
Proof tracking	**250 PTI**
Protection type	**IP 65 and IP 67**
Ambient temperature	**terminal side -20 °C ... +85 °C** **actuating side -20 °C ... +85 °C**
Material actuator housing terminals	**PA glass fiber-reinforced** **PA glass fiber-reinforced** **nickel-plated**
Approval marks	
Suitable for appliances of protection class II	

SERIES 2420 - IP 65 / 67 PROTECTED FOOT SWITCH

TO 16 (4) A 250 V AC 25E3



single-pole

Actuator color / printing	Housing color	14 (4) A 250 V AC 5E4	Terminal type	Terminal description	Contact distance (mm)	Contact material	Operating force (N)	Miscellaneous	Stock version
ON / OFF switch (SPST)									
2420.0301		o		M3	< 3	Ag	35 ±10	with strain relief	o
Normally open contact (SPNO)									
2420.0101		o		M3	< 3	Ag	35 ±10	with strain relief	o
2420.0102		o		M3	< 3	Ag	35 ±10	with strain relief	o
2420.4101		o		assembled with wire end ferrule	< 3	Ag	35 ±10	with strain relief two-wire connecting cable	o



double-pole

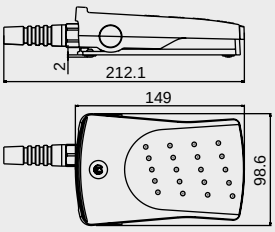
Actuator color / printing	Housing color	14 (4) A 250 V AC 5E4	Terminal type	Terminal description	Contact distance (mm)	Contact material	Operating force (N)	Miscellaneous	Stock version
Normally open contact (DPNO)									
2420.5201		o		assembled with wire end ferrule	< 3	Ag	35 ±10	1 x PE connector (3 000 mm) / 1 x PE coupling (250 mm) with strain relief	



Combination

Actuator color / printing	Housing color	14 (4) A 250 V AC 5E4	Terminal type	Terminal description	Contact distance (mm)	Contact material	Operating force (N)	Miscellaneous	Stock version
Normally open contact (SPNO)									
2420.0501		o		M3	< 3	Ag	step 1: 29 ± 10N / step 2: 51± 35N	with strain relief	o

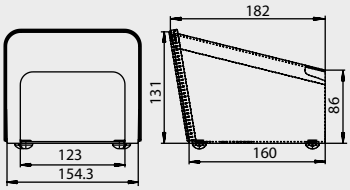




Socket terminal M3

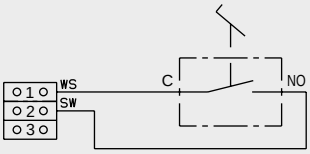


Protection hood
248.011.013

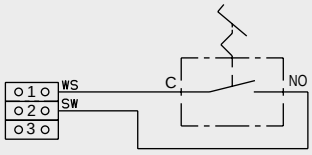


Steel plate protection hood in orange color similar to RAL 2004 with edge guard and rubber feet as well as fixation for foot switch of the basic type 2420

Circuit diagram

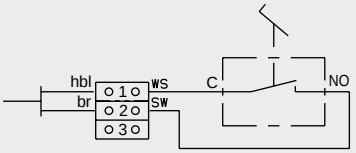


2420.0101

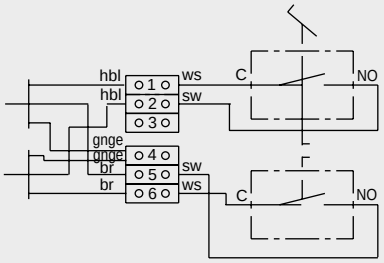


2420.0301

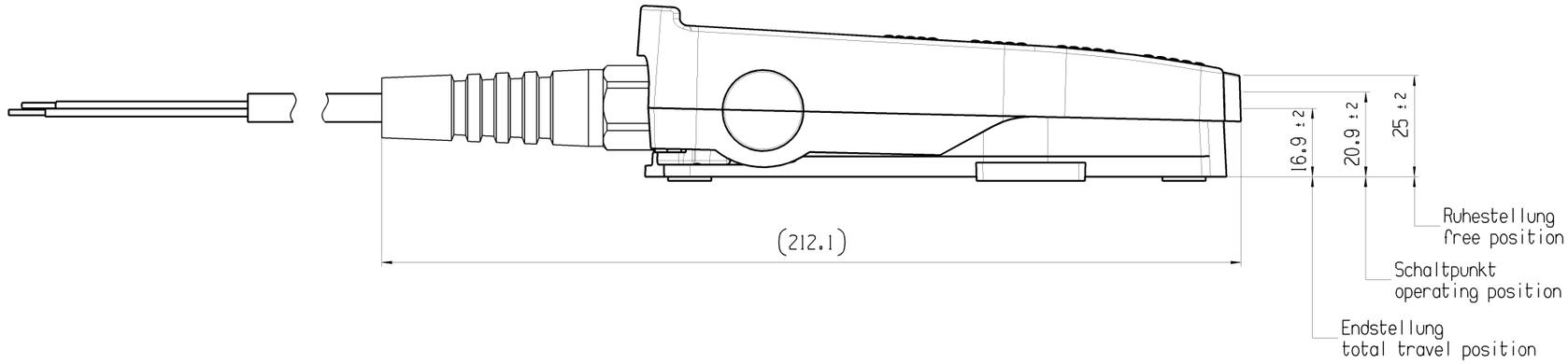
br - brown
hbl - bright blue
ws - white
sw - black
gnge - green/yellow

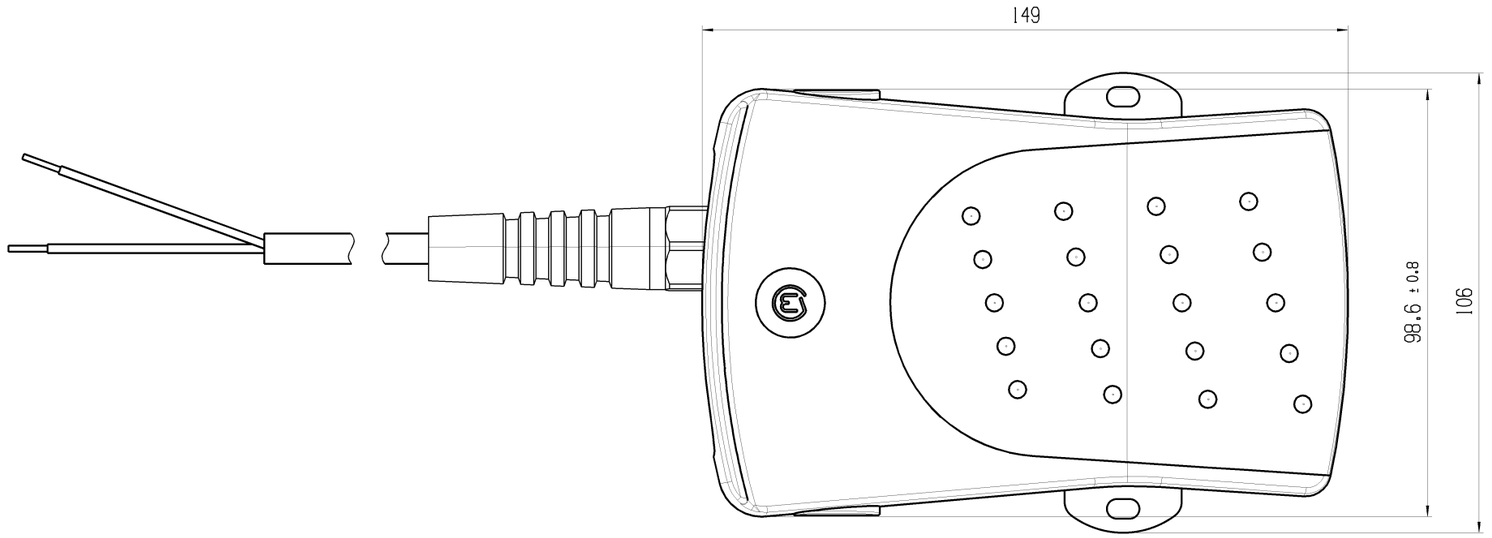


2420.4101



2420.5201





Aufschrift:
Marking:

2420.4101

14(4) / 250 ~ μ 50E3

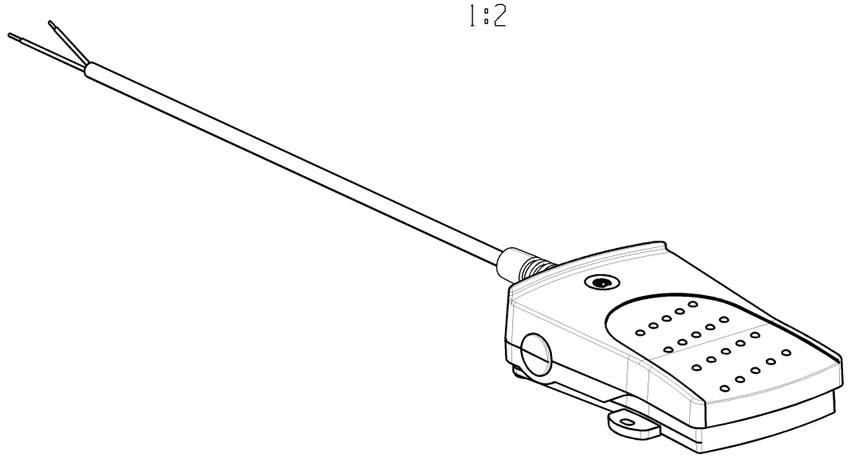
10

Herstelldatum:
Herstellort/ -jahr/ -woche/ -tag
nach Marquardt Standard

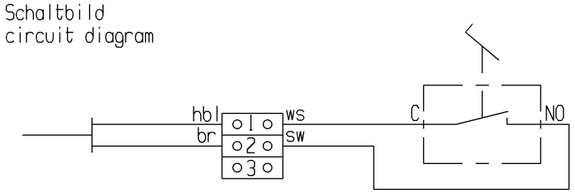
Date code of manufacture:
plant / year / week / day
acc. to Marquardt standard

Kraft in Ruhestellung force in free position	24 N ± 10 N
Kraft an Schaltpunkt force at operating position	30 N ± 10 N
Kraft in Endstellung force at total travel position	35 N ± 10 N

1:2



Schaltbild
circuit diagram



Beigelegte Bedienungsanleitung beachten
Please observe user manual for further information

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