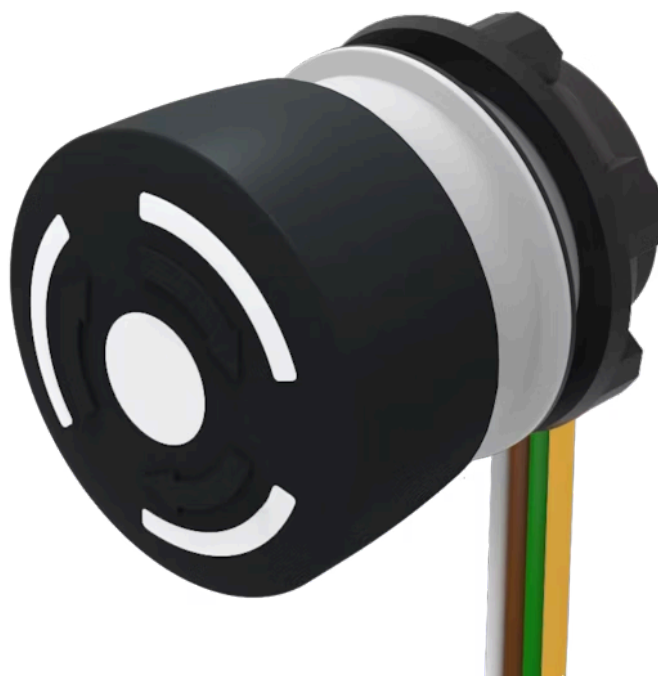


Stop switch, Series 84, Ø 32 mm, Raised, 1
NC + 1 NO, IP65, IP66, IP67, Flat ribbon cable
300 mm

Distribution by
Farnell



84-6330.0040



<https://farnell.eao.com/p/51f4a743>

Your product:



84-6330.0040

Stop switch, Series 84, Ø 32 mm,
Raised, 1 NC + 1 NO, IP65, IP66, IP67,
Flat ribbon cable 300 mm

PRODUCT RANGE

HMI function:	Stop switch
Series:	Series 84

FRONT

Front dimension:	Ø 32 mm
Front form:	Round

MOUNTING

Design:	Raised
Mounting cut-out:	Ø 22.5 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens colour:	Black
Lens material:	Plastic
Lens illumination:	Non illuminated
Lens shape:	Mushroom-head
Lens optics:	opaque
Lens:	round
Switching position ring:	Black
Illumination colour:	none

ELECTRICAL CHARACTERISTICS

Contacts configuration:	1 NC + 1 NO
Switching rating:	250 V AC @ 1.5 A
Electrical lifetime:	50 000 cycles of operation

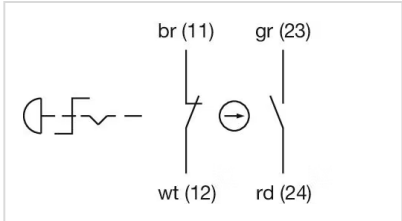
MECHANICAL CHARACTERISTIC

Terminal:	Flat ribbon cable 300 mm
Contact material:	Gold
Switching action:	Maintained
Switching system:	Slow-make switching element
Release type:	Twist to unlock
Tightening torque:	Fixing nut 0.8 Nm
Total weight:	0.036 kg

AMBIENT CONDITION

IP front protection:	IP65, IP66, IP67
Operating temperature:	– 25 °C ... + 70 °C
Vibration resistance:	Max. 50 m / s ² from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)

OTHER

Material:	Plastic, according to UL 94 V0
Housing colour:	Grey
Housing material:	Plastic, according to UL 94 V0
Product attributes:	Twist to unlock clockwise
Wiring diagrams:	

Your product consists of the following **1 COMPONENTS:**



84-6330.0040

Stop switch

FRONT

Front dimension:	Ø 32 mm
Front form:	Round

MOUNTING

Mounting cut-out:	Ø 22.3 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens colour:	Black
Lens material:	Plastic
Lens illumination:	Non illuminated
Lens shape:	Mushroom-head
Lens optics:	opaque
Lens:	round
Switching position ring:	Black
Illumination colour:	none

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	Switch rating AC with silver contact (gold plated)		
	Service category AC-15 as per EN IEC 60947-5-1		
	Voltage	120 VAC	240 VAC
	Current	3 A	1,5 A
	Switch rating AC with silver contact (gold plated)		
	Service category DC-13 as per EN IEC 60947-5-1		
	NO contacts	NC contacts	NO
	(48 VA)	(60 VA)	
	12 VDC/2.0 A	12 VDC/2.5 A	12 VDC/2.5 A
	24 VDC/2.0 A	24 VDC/2.5 A	25 VDC/2.5 A
	48 VDC/1.0 A	48 VDC/1.25 A	
	60 VDC/0.8 A	60 VDC/1.0 A	

Contacts:	1 NC / 1 NO
Rated Operational Voltage Ue:	250 VAC/DC according to EN IEC 60947-1
Rated impulse withstand voltage Uimp:	4 kV, according to EN IEC 60947-1
Rated insulation voltage Ui:	250 V according to EN / IEC 60947-1
Rated short-circuit current caused:	1 000 A, type of short-circuit device 6 A gG (EN 60947-5-1)
Recommended minimum operational data:	Silver contacts (gold plated) Voltage 1 VAC/DC Current 1 mA
Switching rating:	250 V AC @ 1.5 A
Electrical lifetime:	50 000 cycles of operation
Electric strength:	500 VAC, 50 Hz, 1 minute according to DIN IEC 60512-2
Overvoltage category:	III, according to EN / IEC 61058-1
Pollution degree:	3, according to EN IEC 60947-1
Protection class:	II, according to EN / IEC 60947-5
Standards:	According to EN 60947-5-1, EN 60947-5-5, DIN EN ISO 13850, EN IEC 60204
Thermal current Ith:	5 A

MECHANICAL CHARACTERISTIC

Terminal:	Flat ribbon cable 300 mm
Contact material:	Gold
Switching action:	Maintained
Switching system:	Slow-make switching element
Release type:	Twist to unlock
Mechanical lifetime:	≥50 000 cycles of operation
Operating force:	20 N ±4 N
Operating Travel:	ca. 4 mm
Tightening torque:	Fixing nut 0.8 Nm
Weight:	0.036 kg

AMBIENT CONDITION

IP front protection:	IP65, IP66, IP67, according to DIN EN 60529
IP Protection:	IP20 rear side

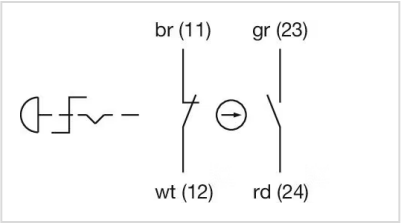
IK Protection:	IK07 as per IEC 62262
Operating temperature:	– 25 °C ... + 70 °C
Storage temperature:	– 25 °C ... + 85 °C
Shock resistance:	Max. 150 m / s ² , pulse width 11 ms, 3-axis, (semi-sinusoidal as per EN IEC 60068-2-27)
Vibration resistance:	Max. 50 m / s ² from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)
Climate resistance:	Damp heat, cyclic: 96 hours, + 25 °C/97 %, + 55 °C/93 % relative humidity, as per EN IEC 60068-2-30 Damp heat, steady: 56 days, + 40 °C/93 % relative humidity, according to EN IEC 60068-2-78 Saline mist: 96 hours, + 35 °C in chemical solution NaCl, as per EN IEC 60068-2-11 Dry heat: 96 hours, + 70 °C, as per EN IEC 60068-2-2 Low temperature: 96 hours, – 40 °C (as per EN IEC 60068-2-1)

CERTIFICATE

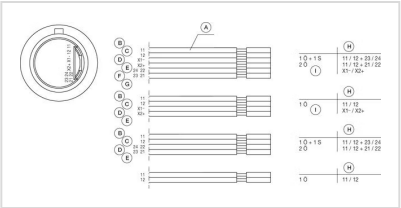
Approbations:	CCC, UL
Conformities:	CE, UKCA, 2006 / 42 / EC (MD), 2011 / 65 / EC (RoHS)
REACH:	REACH compliant
RoHS:	RoHS compliant

OTHER

Short Description:	Stop switch, Ø 22.3 mm, Ø 32 mm, Mushroom-head, Non illuminated, Black, Plastic, opaque, Round, 1 NC / 1 NO, Maintained, Flat ribbon cable 300 mm, IP65, IP66, IP67, according to DIN EN 60529, Twist to unlock, none
Material:	Plastic, according to UL 94 V0
Housing colour:	Grey
Housing material:	Plastic, according to UL 94 V0
Product attributes:	Twist to unlock clockwise
Hints:	Position indication ring black, Twist to unlock clockwise
Description component:	The double-break switching system can be supplied for the following switching functions: 1 Normally closed, 2 Normally closed, 1 Normally closed + 1 Normally open. The Normally closed contacts have forced opening according to EN 60947-5-5, Material housing actuator: Plastic as per UL94 V0, Material lens: Plastic as per UL94 V2
Wiring diagrams:	

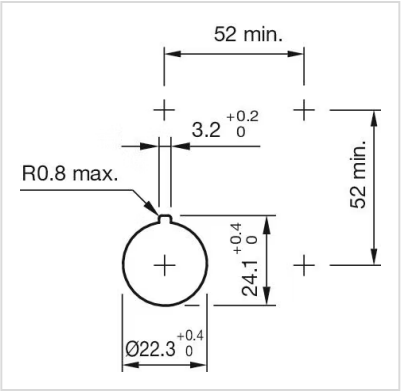


Component layouts:



- A = Cable
- B = white
- C = brown
- D = green
- E = yellow
- F = grey
- G = pink
- H = Terminals
- I = Illumination

Mounting cut-outs:



Dimension drawings:

