

# Datasheet

020PTFFPN

Mushroom push-button Ø 60, black, guarded



## Features

<b>Range</b>	Non-illuminated mushroom push-buttons Ø 22
<b>components</b>	Mushroom push-button Ø 60, guarded
<b>Code</b>	020PTFFPN
<b>Description</b>	Mushroom push-button Ø 60, black, guarded
<b>Colour</b>	Nero
<b>Weight - gr</b>	71.0
<b>Customs Tariff</b>	85365080
<b>GTIN</b>	8052878069971

## Datasheet

<b>Approvals</b>	CE, UL, CSA
<b>Compliance with standards</b>	IEC-EN60947-1, IEC-EN60947-5-1, UL508, CSA C22-2
<b>Compliance with standards</b>	UNI CEI EN 45545-2, CEI EN 61373
<b>Operating temperatures</b>	-40° ÷ +70°C
<b>Environmental operating values</b>	+25°C-97%RH / +45°C-93%RH (IEC-EN60068-2-30)
<b>Protection degree</b>	IP66 - IP69 (IEC-EN60529)
<b>Protection against impact</b>	IK03 (IEC-EN62262)
<b>Mechanical durability</b>	3.000.000 Operations
<b>Shock resistance</b>	30g duration=18ms (EN-IEC 60068-2-27)
<b>Shock resistance</b>	50g duration=11ms (EN-IEC 60068-2-27)
<b>Vibration resistance</b>	5g f= 2...500Hz (EN-IEC 60068-2-6)
<b>Contact blocks configuration</b>	Max no. 6 blocks (3+3)
<b>Material</b>	PA Polyamide
<b>Locking ring material</b>	Zamak zinc alloy
<b>Fixing diameter</b>	22.5mm - Thickness 1÷6mm
<b>Tightening torque</b>	2 ÷ 3Nm (17.7 ÷ 26.6 Lb-in)
<b>Actuation type</b>	Spring return
<b>Protection against electric shock</b>	Class II (IEC-EN61140)
<b>Warranty period</b>	18 months

## Technical drawings

