

# Datasheet

060APFN

Palm switch, momentary, black mushroom button, without enclosure



## Features

<b>Range</b>	Non-illuminated palm switches
<b>components</b>	Palm switches, mushroom button, without enclosure
<b>Code</b>	060APFN
<b>Description</b>	Palm switch, momentary, black mushroom button, without enclosure
<b>Colour</b>	Nero
<b>Weight - gr</b>	284.0
<b>Customs Tariff</b>	85365080
<b>GTIN</b>	8052878050399

## Datasheet

<b>Approvals</b>	CE, UL, CSA
<b>Compliance with standards</b>	UNI EN ISO 13850,UNI EN ISO 12100,IEC-EN60947-5-5
<b>Compliance with standards</b>	IEC-ENC60947-1, IEC-EN60947-5-1
<b>Compliance with standards</b>	UNI CEI EN 45545-2
<b>Operating temperatures</b>	-30° ÷ +120°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>	IK08 (IEC-EN62262)
<b>Mechanical durability</b>	3.000.000 Operations
<b>Button/mushroom material (illuminated type)</b>	PC Polycarbonate
<b>Housing material</b>	PA Polyamide V0 (UL94)
<b>Gasket material</b>	Cork rubber
<b>Screw material</b>	Stainless steel AISI 304
<b>Cover screws tightening torque</b>	1 ÷ 2.5Nm (8.8÷22.1 Lb-in)
<b>Terminal screw</b>	Tightening torque 0.8÷1 Nm (IEC-EN60947-1)
<b>Terminal screw head shape</b>	Combined:cross Phillips2 or slotted flat D.5mm max
<b>Terminal screw material</b>	Zinc plated steel
<b>Terminal screw connections</b>	min 1x0.5mm <sup>2</sup> (20AWG) - max 2x2.5mm <sup>2</sup> (14AWG)
<b>Actuation possibilities</b>	By hand,elbow or foot
<b>For illuminated version</b>	LED circuit 24V AC-DC 25mA

<b>LED connections for illuminated version</b>	min 1x0.25mm <sup>2</sup> (22AWG)- max 1x1mm <sup>2</sup> (17AWG)
<b>Contact material</b>	Ag 1000/1000
<b>Contact movement</b>	Slow action contact
<b>Contacts</b>	Self cleaning by pads creeping
<b>NC contacts (all versions)</b>	Positive opening function (IEC-EN60947-5-1 ann.K)
<b>Rated insulation voltage</b>	Ui 690V - Uimp 4KV (IEC-EN60947-1)
<b>Rated thermal current</b>	Ith 10A (IEC-EN60947-1)
<b>Electrical ratings</b>	AC15-DC13 (IEC-EN60947-5-1) - A600-P300 (UL 508)
<b>AC Performances</b>	AC 24V-10A, 120V-6A, 240V-3A, 600V-1.2A
<b>DC Performances</b>	DC 24V-5A, 120V-1.1A, 240V-0.55A
<b>Contact block</b>	1NO+1NC Included
<b>Halogen-free</b>	yes
<b>Warranty period</b>	18 months

## Technical drawings

