

# Datasheet

## 060MCP2M

### Simultaneous action controller for two-hand control devices



## Features

<b>Range</b>	Two-hand control devices
<b>components</b>	Simultaneous action controller
<b>Code</b>	060MCP2M
<b>Description</b>	Simultaneous action controller for two-hand control devices
<b>Colour</b>	Grigio RAL7035
<b>Weight - gr</b>	239.0
<b>Customs Tariff</b>	85365080
<b>GTIN</b>	8052878051280

## Datasheet

<b>Approvals</b>	CE, UL, CSA
<b>Compliance with standards</b>	IEC-ENC60947-1, IEC-EN60947-5-1
<b>Compliance with standards</b>	IEC-EN60204-1, UNI EN ISO 13849-1, UNI EN ISO 13851
<b>Compliance to directives</b>	2014/35/EU, 2014/30/EU, RoHS 2011/65/EU
<b>Housing material</b>	PA Polyamide V0 (UL94)
<b>Operating temperature</b>	-25° ÷ +60°C UL:+40°C
<b>Storage temperature</b>	-30° ÷ +70°C
<b>Ambient humidity range</b>	R.H. <95% non condensing
<b>Pollution degree</b>	2
<b>Protection degree</b>	IP20 (IEC-EN60529)
<b>Power supply</b>	24V DC +/-10%, 24V AC -15% / +10%, 50÷60Hz class 2
<b>Assembly</b>	DIN rail mounting (EN 50022)
<b>Overvoltage category</b>	III
<b>Short circuit protection</b>	Internal PTC
<b>Rated insulation voltage</b>	Ui 690V - Uimp 4KV (IEC-EN60947-1)
<b>Inputs: number of safety channels</b>	2
<b>Inputs: safety contact inputs</b>	S11-S12 and S21-S22
<b>Inputs: loop resistance</b>	Max 30 Kohm (eq.2500m - 1,5mm <sup>2</sup> - Cu)
<b>Input current</b>	Typical 30mA
<b>NO safety outputs</b>	2
<b>NC auxiliary output</b>	1

<b>PNP auxiliary output</b>	1
<b>UL508 electrical category</b>	Pilot duty B300 / R300
<b>AC Performances - single output</b>	AC1: 250V-6A / 2000VA - AC15: 230V-3A
<b>DC Performances - single output</b>	DC1: 24V-6A / 144VA - DC13: 24V-2.5A
<b>Mechanical life</b>	>10000000 operations
<b>Electrical life cat.AC1 (360 s/h)</b>	100000 operations
<b>Safety parameters - Performance level / category</b>	PL e / Category 4 (ISO 13849-1)
<b>Safety parameters</b>	PFHd [1/h] $1.35 \exp(-10)$ / MTTFd [a] 422.1
<b>Safety parameters</b>	DCavg 99%
<b>Safety parameters</b>	B= $5 \exp(-2)$ / Bd= $2 \exp(-2)$
<b>Warranty period</b>	18 months

# Technical drawings

