Datasheet

060MCP2M
Simultaneous action controller for two-hand control devices





Features

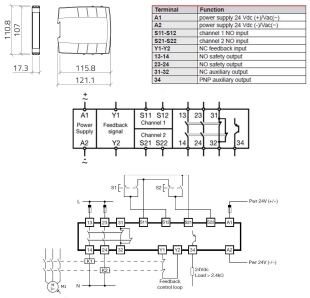
Range	Two-hand control devices
components	Simultaneous action controller
Code	060MCP2M
Description	Simultaneous action controller for two-hand control devices
Colour	Grigio RAL7035
Weight - gr	239.0
Customs Tariff	85365080
GTIN	8052878051280

Datasheet

Approvals	CE, UL, CSA
Compliance with standards	IEC-ENC60947-1, IEC-EN60947-5-1
Compliance with standards	IEC-EN60204-1,UNI EN ISO 13849-1,UNI EN ISO 13851
Compliance to directives	2014/35/EU, 2014/30/EU, RoHS 2011/65/EU
Housing material	PA Polyammide V0 (UL94)
Operating temperature	-25° ÷ +60°C UL:+40°C
Storage temperature	-30° ÷ +70°C
Ambient humidity range	R.H. <95% non condensing
Pollution degree	2
Protection degree	IP20 (IEC-EN60529)
Power supply	24V DC +/-10%, 24V AC -15% / +10%, 50÷60Hz class 2
Assembly	DIN rail mounting (EN 50022)
Overvoltage category	III
Short circuit protection	Internal PTC
Rated insulation voltage	Ui 690V - Uimp 4KV (IEC-EN60947-1)
Inputs: number of safety channels	2
Inputs: safety contact inputs	S11-S12 and S21-S22
Inputs: loop resistance	Max 30 Kohm (eq.2500m - 1,5mm2 - Cu)
Input current	Typical 30mA
NO safety ouputs	2
NC auxiliary output	1

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

Technical drawings



Terminal	Function
A1	power supply 24 VDC (+)/Vac(~)
A2	power supply 24 VDC (-)/Vac(~)
S11-S12	channel 1 NO input
S21-S22	channel 2 NO input
Y1-Y2	NC feedback input
13-14	NO safety output
23-24	NO safety output
31-32	NC auxiliary output
34	PNP auxiliary output