

PIT m3.2p machine tools pictogram

402231



PITmode electronic selector switch for installing the control station and to safe installing of 5 operating modes via a non-contact key and key selection. 4 operating modes OM1 to OM4 and a special mode OM5. Authorisation display via LEDs, Key ID interface for transferring the Key ID number of the transponder key. Pushbuttons with digits and pictograms for machine tools.

Technical details

General data	
Approval:	CE, cULus Listed, FCC, IC, TÜV
Sensor principle:	Transponder
Transponder coding:	0x1111 (PILZ)
Technical data	
Electrical data	
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Inputs	
Number of inputs:	3
Signal level at input at 0:	-3 - +5 VDC
DC voltage at input:	24 V DC
Galv. isolation input:	No
Semiconductor outputs	
Galv. isolation of S/C outputs:	No
S/C output short circuit proof:	Yes
Environmental data	
Climatic suitability to ...:	DIN IEC 60068-2-3
Ambient temperature:	-20 - 60 °C
Climatic suitability standard:	EN 60068-2-78

Humidity rating:	95 % r. h. at 40 °C
EMC to standard:	EN 60947-5-1
Vibration to standard:	EN 60068-2-6
Clearance & creepage dist. to:	EN 60664-1
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Times	
Time buttons OM1 .. OM4:	50 ms ... 5 s
Time button OM1 service:	5 s ... 10 s
Mechanical data	
Mounting position:	any
Max. cable length:	1000 m
Housing material lower section:	ST + 10µ Zn
Housing material front plate:	ABS
Connection terminal:	Screw terminal plug-in, Spring-loaded terminal, plugin
Flex. cond. c/s AWG info:	28 - 16 AWG
Height dimension:	55 mm
Width dimension:	98 mm
Depth dimension:	43 mm
Net weight:	140 g
Gross weight:	260 g
Transponder	
Transponder energy supply:	Passive (battery-free)
Operating frequency:	125 kHz
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 7c I

REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead, Lead oxide
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1, 1317-36-8
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27371243
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000017

Obligatory accessories

402305

PIT m3.2p screw terminal set



402303

PIT m3.2p screw terminal set angled



402302

PIT m3.2p terminal set spring load

