

PITmode electronic selector switch for installing the control station and to safe installing of 3 operating modes via a non-contact key and key selection. 4 operating modes OM1 and OM2 and a special mode OM5. Authorisation display via LEDs, Key ID interface for transferring the Key ID number of the transponder key.



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

