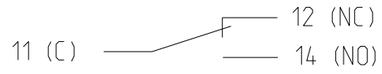
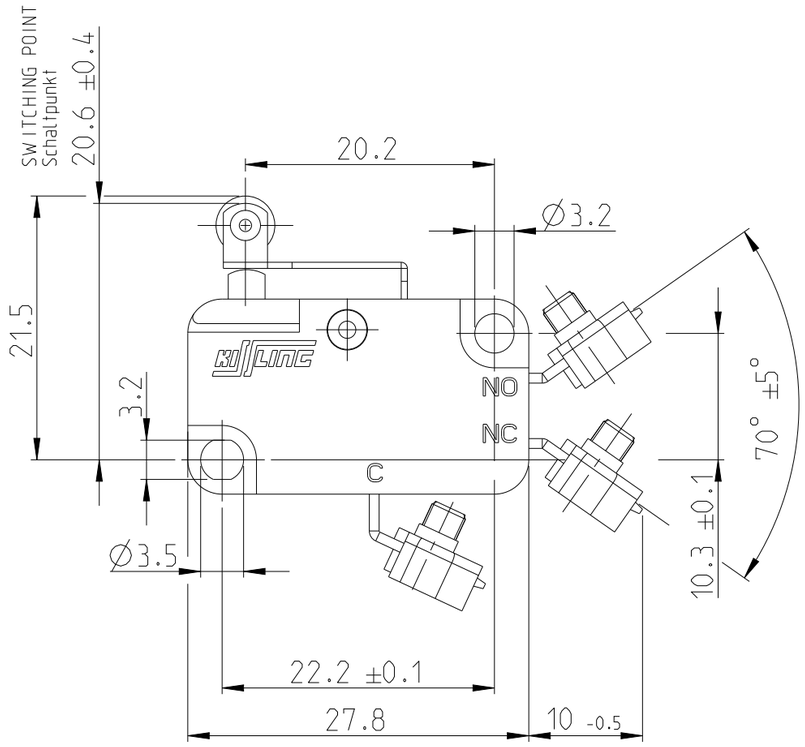
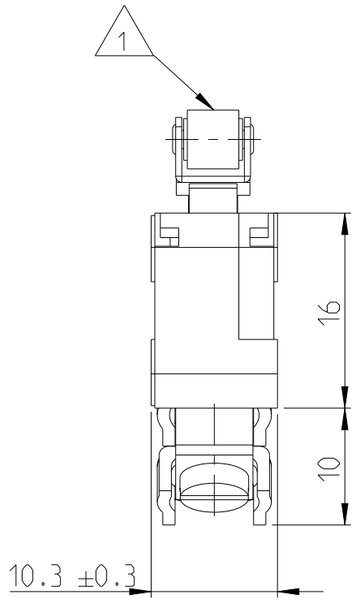
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B	ECN-24-249445 HOUSING AND COVER PBT	26JAN2024	KS	RB

CIRCUIT DIAGRAM
Schaltbild



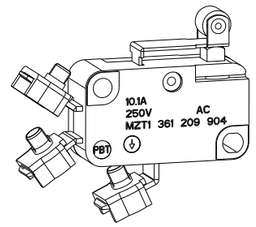




NOTES
Bemerkungen:

1. ROLLER Ø5 - 5 WIDE
MATERIAL: POM
Rolle Ø5 - 5 breit
Werkstoff: POM

2. TE-CONNECTIVITY ORDER-NUMBER
TE-Connectivity Bestellnummer



ISO 1:1

TE ORDER-NO.	REV.	DESCRIPTION	WEIGHT [g]	ITEM NO
K1023367 2	A	MICROSWITCH Mikroschalter	12.3	1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 cL
mm	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±
MATERIAL	FINISH

DWN	K.Kullick	29JUN1998
CHK	K.Kullick	29JUN1998
APVD	R.Stockinger	04JUL2014
PRODUCT SPEC		
APPLICATION SPEC		
WEIGHT		

TE Connectivity

NAME
MICROSWITCH
Mikroschalter

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-MZT1_361_209_904	-

CUSTOMER DRAWING	SCALE	SHEET	REV
	2:1	1 OF 2	B

1470-19 (3/13)

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

Aufbau
Gehäusewerkstoff.....PBT (B)
Deckelwerkstoff.....PBT
Anschluss.....Schraubanschluss M3x5 ISO 1580
Schutzart Innenraum.....IP 40 IEC 60 529
Anschlüsse.....IP 00 IEC 60 529
Zwangstrennung (NC).....in Anlehnung an VDE 0113 und VDE 0660 Teil 206

Mechanische Daten
Nachlauf.....>1 mm
Differenzweg.....0,05 bis 0,3 mm
Schaltkraft.....1 bis 1,5 N
Rückschaltkraft.....>0,6 N
Betätigungskraft max.....<10 N
Stromführende Teile.....Cu-Legierung
Kontaktwerkstoff.....AgNi10
Lebensdauer mechanisch.....30 Mio.
Schalthäufigkeit.....200 pro Minute
Betätigungsgeschwindigkeit in Stößelrichtung.....max. 0,5 m/s
Umgebungstemperatur.....-40°C bis +85°C

Elektrische Daten
Nennspannung.....250 V AC 24 V DC
Dauerstrom.....10.1 A
Schaltvermögen.....250 V AC. 10 A ohmsche Last
.....250 V AC. 6 A cos. φ =0.8
.....250 V AC. 4 A cos. φ =0.6
.....250 V AC. 3 A cos φ =0.4
.....24 V DC. 8 mA
.....24 V DC. 6 A ohmsche Last
.....24 V DC. 2 A L/R = 50 ms
Schaltleistung min.....12 V DC. 10 mA
Kurzschlußschutz nach EN 60947-5-1 .....Sicherung 10 A flink
Anzugsdrehmoment Befestigungsschrauben.....max. 1 Nm
für kleinere Spannungen bzw. Ströme empfehlen wir Schalter mit vergoldeten Kontakten

CONSTRUCTION
HOUSING MATERIAL.....PBT (B)
COVER MATERIAL.....PBT
CONNECTION.....SCREW CONNECTION M3X5 ISO 1580
PROTECTION INTERIOR.....IP 40 IEC 60 529
CONNECTIONS.....IP 00 IEC 60 529
POSITIVE OPENING OERATION (NC).....ACCORDING TO VDE 0113 AND VDE 0660 PART 206

MECHANICAL DATA
OVERTRAVEL.....>1 mm
MOVEMENT DIFFERENTIAL.....0.05 TO 0.3 mm
OPERATING FORCE.....1 TO 1.5 N
RELEASE FORCE.....>0.6 N
MAX OPERATING FORCE.....<10 N
CURRENT CARRYING PARTS.....Cu-ALLOY
CONTACT MATERIAL.....AgNi10
LIFE CYCLE MECHANICAL.....30 MILLION
FREQUENCY.....200 PER MINUTE
OPERATING SPEED IN DIRECTION OF PLUNGER.....MAX. 0.5m/s
AMBIENT TEMPERATURE.....-40°C TO +85°C

ELECTRICAL DATA
VOLTAGE.....250V AC 24V DC
CONTINUOUS CURRENT.....10.1 A
SWITCHING CAPACITY.....250 V AC. 10A RESISTIVE LOAD
.....250VAC. 6 A COS. φ =0.8
.....250VAC. 4A COS. φ =0.6
.....250VAC. 3A COS. φ =0.4
.....24VDC. 8mA
.....24VDC. 6A RESISTIVE LOAD
.....24VDC. 2A L/R = 50ms
SWITCHING CAPACITY MIN.....12 V DC. 10mA
SHORT-CIRCUIT PROTECTION ACCORDING TO EN 60947-5-1....FUSE 10 A QUICK-ACTING
MAX TORQUE SCREWS.....MAX. 1Nm
FOR LOWER VOLTAGES OR CURRENTS WE RECOMMEND SWITCHES WITH GOLD-PLATED CONTACTS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 cL
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL
FINISH

DWN K.Kullick 29JUN1998
CHK K.Kullick 29JUN1998
APVD R.Stockinger 04JUL2014
PRODUCT SPEC
APPLICATION SPEC
WEIGHT

TE Connectivity

NAME MICROSWITCH Mikroschalter

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-MZT1_361_209_904	-

CUSTOMER DRAWING | SCALE 2:1 | SHEET 2 OF 2 | REV B

1470-19 (3/13)