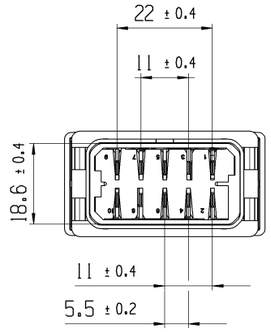
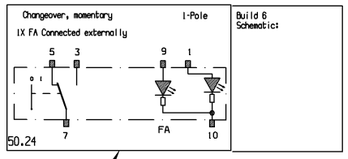
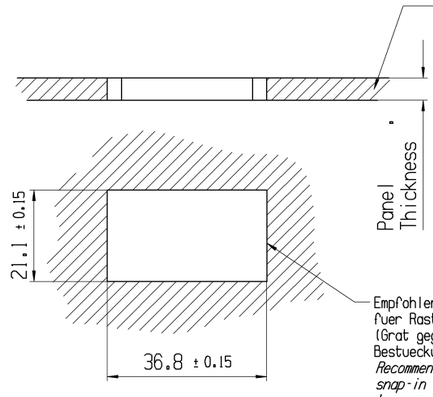
Blatt 01: Allgemeine Angaben
*Sheet 01: General informations*

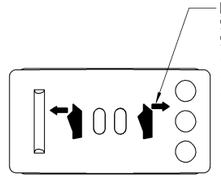



Schaltkreis
Schaltkreis Beispiel. Mehr Auswahl auf Blatt 02, 03, 07 & 08
*Circuit diagram*
*Circuit example. more choices in sheet 02, 03, 07 & 08*




Empfohlener Ausschnitt fuer Rastbefestigung (Grat gegenueber Bestueckungsseitel
*Recommended cut-out for snap-in ledge perpendicular to snap-in direction*



LED Kappenbeleuchtung
Symbol Beispiel. Mehr Symbole auf Blatt 06, 09-12
*LED cap illumination symbol example. more symbols in sheets 06, 09-12*

Allgemeine Kenndaten
*General Features*

Lagerungstemperatur: -40° C bis 85° C
*Storage Temperature: -40° C to 85° C*
*Betriebstemperatur: -35° C bis 70° C*
Operating Temperature: -35° C to 70° C

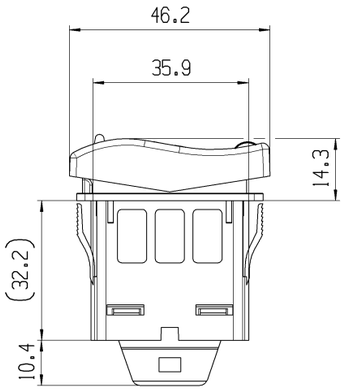
Schutzklasse der mit Dichtung EN 60529: IP 66, 67
*Protecton Class with gasket per EN 60529: IP 66, 67*

Elektische Eigenschaften
*Electrical Specifications*

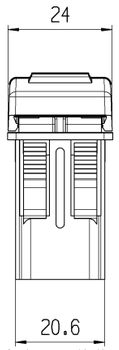
12 oder 24 Volt Gleichstrom wie auf dem Schalter erwaehnt
*12 or 24 Vdc as noted per switch*

Flachstecker: flache Anschluesse 3 x 0.8± 0.025
versilbert
*Terminals: flat connector 3 x 0.8± 0.025*
*silver plated*

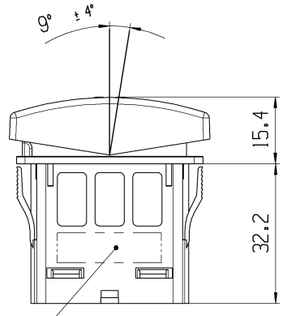
Schaltungsart: Schnappen
*Switch Type: Snap action*




Ausfuehrung mit Kappe A und abgedichteten Stecker
*Version with cap A & sealed connector*

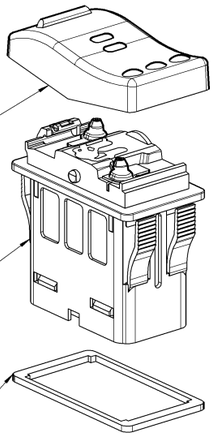



Ausfuehrung mit Kappe A
*Version with cap A*



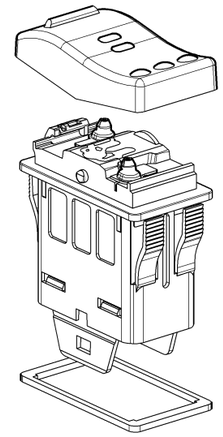

Ausfuehrung mit Kappe B
*Version with cap B*

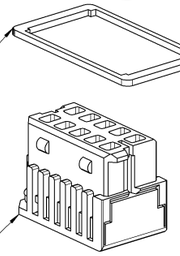
3250.XXXX Teilnummer
Herstelungsort /-jahr /-woche /-tag
Datumskodierung (z.B: T11025)
Schalterspannung und Nennstrom
Narmale Beschriftung, aehnlich wie DIN 1451
*3250.XXXX Part Number*
*Manufacturing location, Year, week, day*
*date code (Ex: T11025)*
*Switch Voltage and Current Rating*
*Straight font, similar to DIN 1451*



Kappe
Marquardtnummer 20x.xxx.xxx
Mehr Info: siehe Blatt 04
*Marquardt part number 20x.xxx.xxx*
*Further cap info: see sheet 04*

Grundschalter der Serie 3250 ohne Kappe
*Basic switch of the series 3250 without cap*

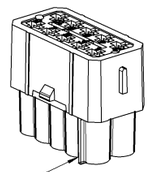




Dichtung
Marquadtnummer: 343.171.011
Aussenabmessungen (42.6 x 23.9 x 1.5)
*Gasket*
*Marquardt part number: 343.171.011*
*External dimensions (42.6 x 23.9 x 1.5)*



Steckergehaeuse
Marquardtnummer: 217.849.011
Steckhuelse: Tyco Timer Contact (AMP MCP2.8)
*Switch Connector*
*Marquardt part number: 217.849.011*
*Receptacle: Tyco Timer Contact (AMP MCP2.8)*



Steckergehaeuse
*Sealed Connector*
p/n 219.057.011 or 219.057.021

Kontaktbestueckung
*contact fitting*

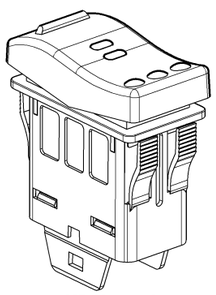
K1 : AgNi - Kontakte / *contact*
K2 : Ag.gal Au - Kontakte / *contact*
K3 : AgSnO2 - Kontakte / *contact*

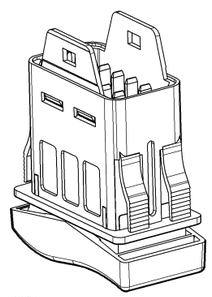
Belastungstabelle
*charging table*

Lebensdauer: elektr. ⩾ 50.000 Zyklen
mech. ⩾ 500.000 Zyklen
*Endurance: elect. ⩾ 50.000 cycle*
*mech. ⩾ 500.000 cycle*

| Belastungsart / *charging type* | Kontaktart / *contact type* | |
|---|---|---|
| | K1 | K3 |
| Lampenlast / lamp load | ⩽4A | ⩽7.5 |
| Ohmsche Last / resistive load | ⩽10A | ⩽20A |

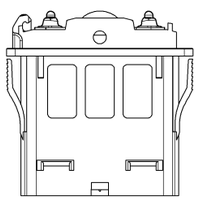
K2: nur Sicherheitsschalter
(zwischen 10mA - 100mA); seltene Betaetigung
*only safety switch*
*(between 10mA - 100mA); seldom actuated*

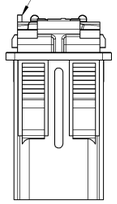




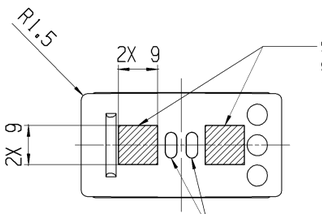
3251 Serie: Grundschalter 3250 mit Kappe
*3251 series: basic switch 3250 with cap*
*3257.1XXX series: switch 3257.0XXX with cap*

Umtastungskodierung fuer Kappe
*Keying feature for cap*





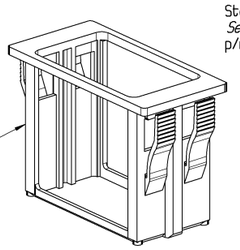
Ausfuehrung ohne Kappe
*Version without cap*
3250 Serie : Grundschalter
*3250 serie : basic switch*
3257 Serie : Grundschalter 3250 mit Wippe 190.571.031, Schaltkreis 50.87 oder 50.184 auf Blatt 07,08
*3257.0XXX serie : basic switch 3250 with rocker 190.571.031, circuit diagram 50.87 or 50.184 in sheet 07,08*




Symbolbereich gelaserte Beschriftung
*Area for symbol laser marking*

Funktionale Beleuchtung
*Functional illumination light pipes.*

Einzel Adapterrahmen
Marquardtnummer 217.879.011
Mehr Info. Siehe Blatt 05
*Single adapter*
*Marquardt part number: 217.879.011*
*Further info: see sheet 05*



Zusaetzliche Angaben
*Additional informations*

Blatt 02-03, 07 & 08: Schaltkreise
Blatt 04: Kappen
Blatt 05: Adapterrahmen
Blatt 06, 09-12: Symbole

*Sheet 02, 03, 07 & 08: Circuits*
*Sheet 04: Caps*
*Sheet 05: Adapters*
*Sheet 06, 09-12: Symbols*

General tolerances

| All dimensions are in millimetres | Shape and location | Angle | Edge tolerance | Length | Radii |
|---|---|---|---|---|---|
| | ◎ ⌯ 0.1 | ± 2 ° | +0.25 +0.1 / 0 -0.25 | 0-6 ± 0.2 | ± 0.2 |
| | | | | >6-15 ± 0.4 | ± 0.3 |
| | | | | >15-30 ± 0.4 | ± 0.5 |
| | | | | >30-70 ± 0.6 | |
| | | | | >70-120 ± 0.6 | ± 10% |
| | | | | >120 ± 0.8 | |

| Index | MEC-No. | Date (YYYY-MM-DD) | Edited by |
|---|---|---|---|
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| f | 132732 | 2020-08-19 | DABOUSSIM |
| e | 130615 | 2020-02-24 | MAHFOUDHIS |
| d | 108408 | 2017-12-07 | DRI |

Sheet 01
Format DIN A2 | Projection | Scale 1:1
System NX V11.0
Replacement of

| Ident. | Document number | Index |
|---|---|---|
| K | 32500000 | g |

Panel Switch

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