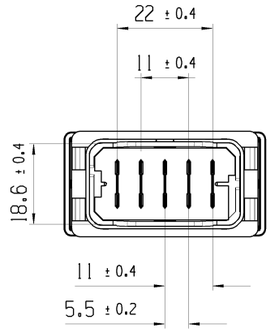
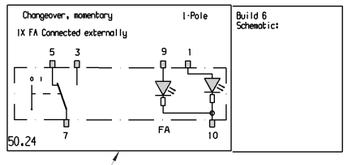
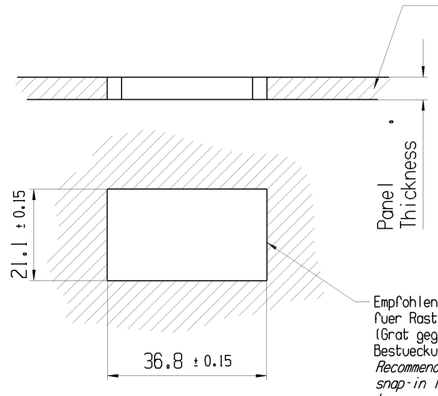
© THIS DRAWING IS THE EXCLUSIVE PROPERTY OF MARQUARDT. WITHOUT THEIR CONSENT IT MAY NOT BE REPRODUCED OR GIVEN TO THIRD PARTIES.

VERTRAULICH | CONFIDENTIAL

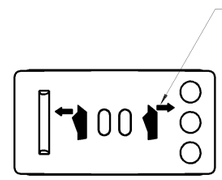


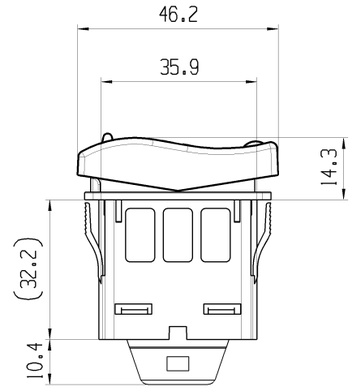

Schaltkreis
Schaltkreis Beispiel. Mehr Auswahl auf Blatt 02, 03, 07 & 08
*Circuit diagram*
*Circuit example. more choices in sheet 02, 03, 07 & 08*



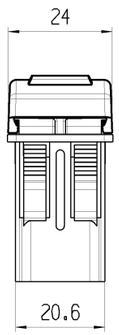

Empfohlener Ausschnitt
fuer Rastbefestigung
(Grat gegenueber
Bestueckungsseitel
*Recommended cut-out for snap-in ledge perpendicular to snap-in direction*



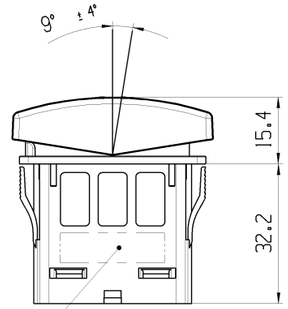
LED Kappenbeleuchtung
Symbol Beispiel. Mehr
Symbole auf Blatt 06
*LED cap illumination symbol example. more symbols in sheet 06*




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

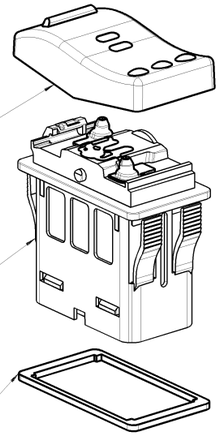



Ausfuehrung mit Kappe A
*Version with cap A*



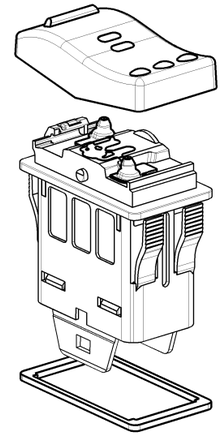

Ausfuehrung mit Kappe B
*Version with cap B*

3250.XXXX Teilnummer
Herstelungsort /-jahr /-woche /-tag
Datumskodierung (z.B: T11025)
Schalterspannung und Nennstrom
Normale 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*

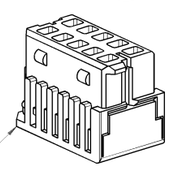


Kappe
Marquardtnummer 20x.xxx.xxx
Mehr Info: siehe Blatt 04
*Marquardt part number 20x.xxx.xxx*
*Further cap info: see sheet 04*

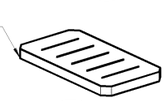
Grundschalter der Serie 3250
ohne Kappe
*Basic switch of the series 3250 without cap*

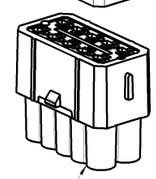


Dichtung
Marquadtnummer: 343.171.011
Aussenabmessungen (42.6 x 23.9 x 1.5)
*Gasket*
*Marquardt part number: 343.171.011*
*External dimensions (42.6 x 23.9 x 1.5)*



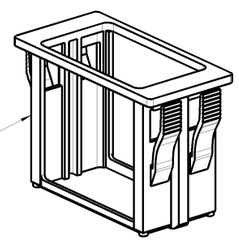
Untere Dichtung
*Lower Gasket*
p/n 343.190.011



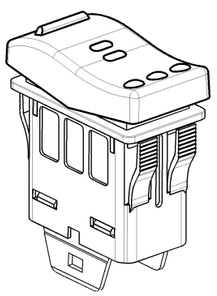


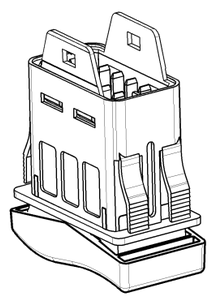
Steckergehaeuse
Marquardtnummer: 217.849.011
Steckhuelse: Tyco Timer Contact (AMP MCP2.8)
*Switch Connector*
*Marquardt part number: 217.849.011*
*Receptacle: Tyco Timer Contact (AMP MCP2.8)*

Steckergehaeuse
*Sealed Connector*
p/n 219.057.011



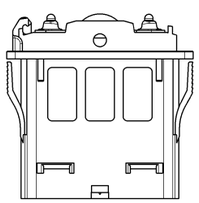
Einzel Adapterrahmen
Marquardtnummer 217.879.011
Mehr Info. Siehe Blatt 05
*Single adapter*
*Marquardt part number: 217.879.011*
*Further info: see sheet 05*

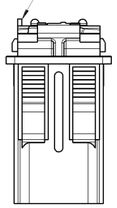




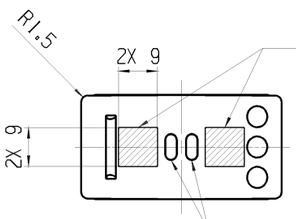
3251 Serie: Grundschalter 3250 mit Kappe
*3251 series: basic switch 3250 with cap*

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 auf Blatt 07
*3257 serie : basic switch 3250 with rocker 190.571.031, circuit diagram 50.87 in sheet 07*




Symbolbereich
gelaserte Beschriftung
*Area for symbol laser marking*

Funktionale Beleuchtung
*Functional illumination light pipes.*

Allgemeine Kenndaten
*General features*

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

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*

Zusaetzliche Angaben
*Additional informations*

Blatt 02-03: Schaltkreise — *Sheet 02, 03, 07 & 08: Circuits*
Blatt 04: Kappen — *Sheet 04: Caps*
Blatt 05: Adapterrahmen — *Sheet 05: Adapters*
Blatt 06: Symbole — *Sheet 06: 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 | ± 10% |
| | | | | >70-120 | ± 0.6 | |
| | | | | >120 | ± 0.8 | |

| Index | ECN-No. | Date (YYYY-MM-DD) | Edited by |
|---|---|---|---|
| d | 108408 | 2017-12-07 | DRI |
| c | 88710 | 2014-07-30 | COOKEM |
| b | 85571 | 2013-10-24 | LIMBERTE |
| a | 75365 | 2011-10-13 | BURKEA |

| Sheet 01 | | |
|---|---|---|
| Format DIN A2 | Projection | Scale 1:1 |
| System NX V8.5 | | |
| Replacement of | | |

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

Panel Switch

MARQUARDT

©Alle Rechte bei Marquardt, auch fuer den Fall von Schutzrechtsanmeldungen. Jede Verfuegungsbefugnis, wie Kopier- und Weitergaberecht, bei uns.