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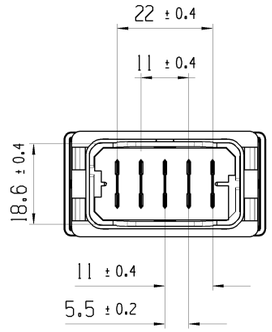
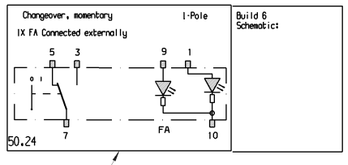
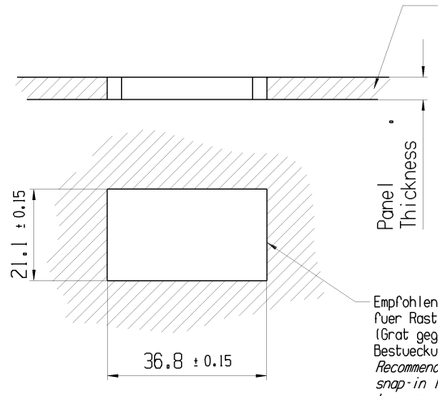
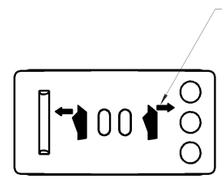




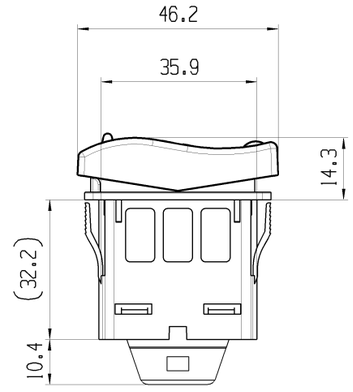
Schaltkreis
Schaltkreis Beispiel. Mehr Auswahl auf Blatt 02, 03, 07 & 08
Circuit diagram
Circuit example. more choices in sheet 02, 03, 07 & 08



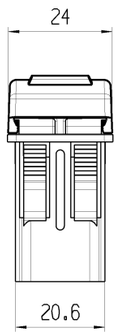
Empfohlener Ausschnitt
fuer Rastbefestigung
(Grat gegenueber
Bestueckungsseitel
Recommended cut-out for snap-in ledge perpendicular to snap-in direction



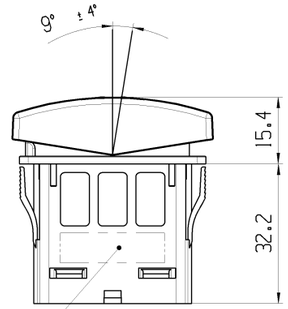
LED Kappenbeleuchtung
Symbol Beispiel. Mehr
Symbole auf Blatt 06
LED cap illumination symbol example. more symbols in sheet 06



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

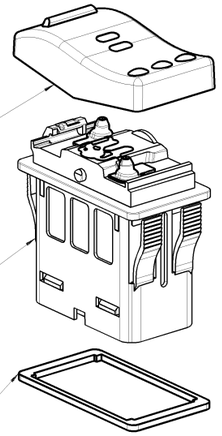


Ausfuehrung mit Kappe A
Version with cap A



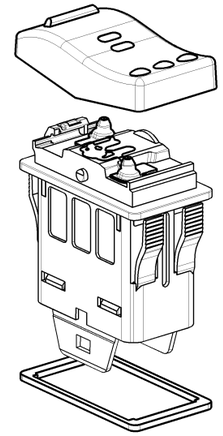
Ausfuehrung mit Kappe B
Version with cap B

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

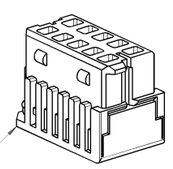


Kappe
Marquardtnummer 20x.xxx.xxx
Mehr Info: siehe Blatt 04
Marquardt part number 20x.xxx.xxx
Further cap info: see sheet 04

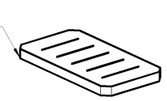
Grundschalter der Serie 3250
ohne Kappe
Basic switch of the series 3250 without cap

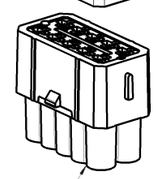


Dichtung
Marquadtnummer: 343.171.011
Aussenabmessungen (42.6 x 23.9 x 1.5)
Gasket
Marquardt part number: 343.171.011
External dimensions (42.6 x 23.9 x 1.5)



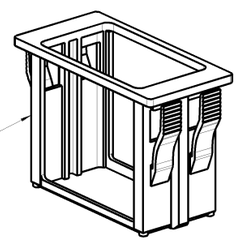
Untere Dichtung
Lower Gasket
p/n 343.190.011



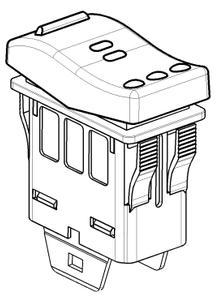


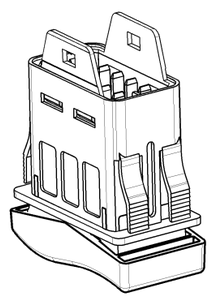
Steckergehaeuse
Marquardtnummer: 217.849.011
Steckhuelse: Tyco Timer Contact (AMP MCP2.8)
Switch Connector
Marquardt part number: 217.849.011
Receptacle: Tyco Timer Contact (AMP MCP2.8)

Steckergehaeuse
Sealed Connector
p/n 219.057.011



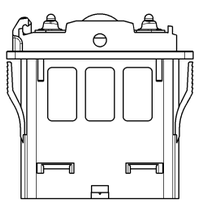
Einzel Adapterrahmen
Marquardtnummer 217.879.011
Mehr Info. Siehe Blatt 05
Single adapter
Marquardt part number: 217.879.011
Further info: see sheet 05

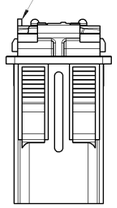




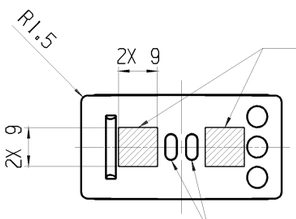
3251 Serie: Grundschalter 3250 mit Kappe
3251 series: basic switch 3250 with cap

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

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