



# TOGGLE SWITCHES

# TOGGLE SWITCHES



TOGGLE SWITCHES

## TECHNICAL SHEET



## TECHNICAL SHEET

### TOGGLE SWITCH

Group  
**02-03-14-00**



Customer details

Type of machine: .....

Price inquiry

Serial n° machine: .....

Order

- QTY-CON . . . . . Number of connections
- TY-CON . . . . . Type of the connection:
  - CON = connector
  - F2,8 = blade 2,8 mm
  - F4,8 = blade 4,8 mm
  - F6,3 = blade 6,3 mm
  - F9,5 = blade 9,5 mm
  - PIN = pin
  - SCRHO = screw hole
  - SCR = screw
  - SCRF = screw blade
  - SCRS = screw step
  - SO = solder connection
  - ST = stud
  - WIRE = wire
  - WC = wire with connector
  - WP = wire with pin
  - SP = special
- QTY-PIN . . . . . Number of pins in connector
- I . . . . . Current (A)
- U1 . . . . . Minimum voltage (V)
- U2 . . . . . Maximum voltage (V)
- ACTU-PR . . . . . Actuator present (yes/no)
- TY-ACTU . . . . . Type of the actuator:
  - FL = flat
  - RO = round
  - FL-LOCK = flat with lock
  - RO-LOCK = round with lock
  - OP = optional
- L1 . . . . . Length of the actuator (mm)
- D1 . . . . . Built-in diameter (mm)
- L2 . . . . . Built-in length (mm)
- W1 . . . . . Built-in width (mm)
- L3 . . . . . Thread length for panel mount (mm)

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	TA1 .....	Type of thread
	SUB-TA1 .....	Subtype of thread
	Pm1 .....	Pitch (metric)
	Pi1 .....	Pitch (inch)
	RH/LH .....	Right- or left-handed thread
	L4 .....	Total length of the toggle switch (mm)
	W2 .....	Total width of the toggle switch (mm)
	H1 .....	Total height of the toggle switch (mm)
	D2 .....	Total diameter of the toggle switch (mm)
	QTY-H0 .....	Number of mounting holes
	C1 .....	Shortest centre distance between mounting holes (mm)
	C2 .....	Longest centre distance between mounting holes (mm)
	D3 .....	Diameter of the mounting hole (mm)
	L5 .....	Length of the cable (mm)
	SRT-SWIT .....	Sort of the switch:
	1-POLE =	1-pole
	2-POLE =	2-pole
	3-POLE =	3-pole
	4-POLE =	4-pole
	X-POLE =	X-pole
	SI-POLE =	single-pole
	DO-POLE =	double-pole
	TR-POLE =	tripple-pole
	FO-POLE =	four-pole
	MUL-POLE =	multi-pole
	SP =	special
	TY-SWIT .....	Type of the switch:
	SWIT-1 =	ON-OFF
	SWIT-2 =	ON-(OFF)
	SWIT-3 =	(ON)-OFF
	SWIT-4 =	ON-ON
	SWIT-5 =	ON-(ON)
	SWIT-6 =	ON-OFF-ON
	SWIT-7 =	ON-OFF-(ON)
	SWIT-8 =	(ON)-OFF-(ON)
	SWIT-9 =	ON-ON-ON
	SWIT-10 =	ON-ON-(ON)
	SWIT-11 =	(ON)-ON-(ON)
	SWIT-12 =	ON-NONE-ON
	SWIT-13 =	ON-NONE-(ON)
	SWIT-14 =	ON-ON-NONE
	SWIT-15 =	(ON)-ON-NONE
	SWIT-16 =	ON-(ON)-NONE
	SWIT-17 =	ON-OFF-NONE
	SWIT-18 =	(ON)-OFF-NONE
	SWIT-19 =	ON-(OFF)-NONE
	SWIT-20 =	OFF-ON-NONE
	SWIT-21 =	(OFF)-ON-NONE
	SWIT-22 =	OFF-(ON)-NONE
	SWIT-23 =	ON-NONE-OFF
	SWIT-24 =	ON-NONE-(OFF)
	SWIT-25 =	(ON)-NONE-OFF
	SP =	special

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MAT-H . . . . . Material of the housing:

*MET = metal*

*METPL = metal + plastic*

*PL = plastic*

MAT-ACTU . . . . Material of the actuator:

*MET = metal*

*METPL = metal + plastic*

*PL = plastic*

IP . . . . . IP value/protection

CAP-PR . . . . . Cap present (yes/no)

SYM-PR . . . . . Symbol present (yes/no)

LHT-PR . . . . . Light present:

*NO = no*

*YES = yes*

*OP = optional*






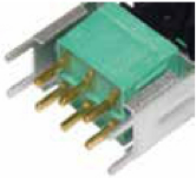









LET . . . . . Lettering: text or digits stated on the toggle switch

# TOGGLE SWITCHES



## TECHNICAL SHEET

### TY-CON: TYPE OF THE CONNECTION

<p><b>CON</b> Connector</p> 	<p><b>F2,8</b> Blade 2,8 mm</p> 	<p><b>F2,8</b> Blade 4,8 mm</p> 	<p><b>F6,3</b> Blade 6,3 mm</p> 
<p><b>F9,5</b> Blade 9,5 mm</p> 	<p><b>PIN</b> Pin</p> 	<p><b>SCRHO</b> Screw hole</p> 	<p><b>SCR</b> Screw</p> 
<p><b>SCRF</b> Screw blade</p> 	<p><b>SCRS</b> Screw step</p> 	<p><b>SO</b> Solder connection</p> 	<p><b>ST</b> Stud</p> 
<p><b>WIRE</b> Wire</p> 	<p><b>WC</b> Wire with connector</p> 	<p><b>WP</b> Wire with pin</p> 	<p><b>SP</b> Special</p>

TOGGLE SWITCHES



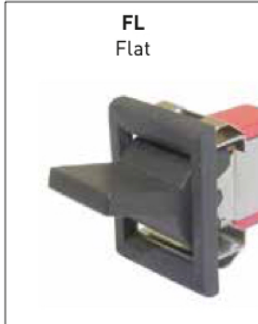
# TOGGLE SWITCHES



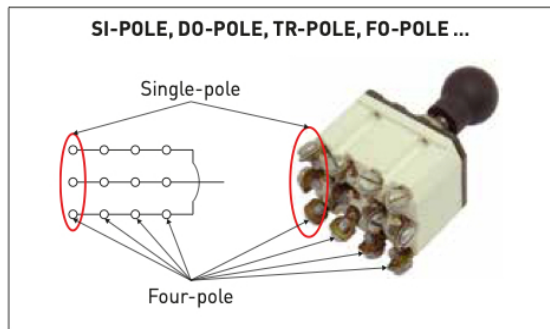
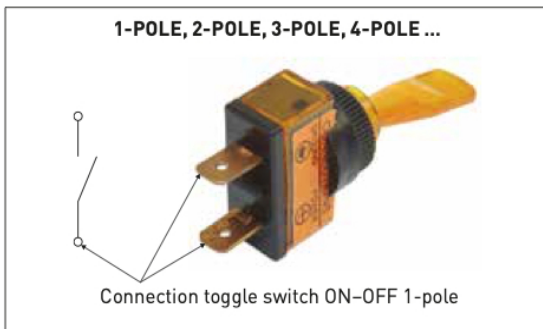
TOGGLE SWITCHES

## TECHNICAL SHEET

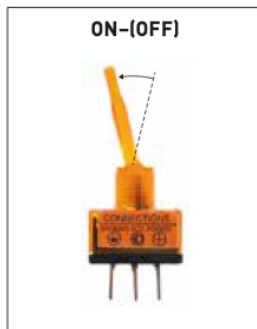
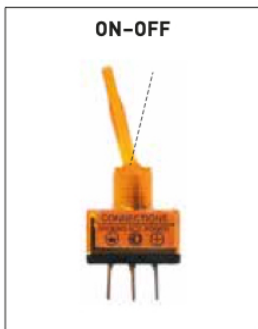
### TY-ACTU: TYPE OF THE ACTUATOR



### SRT-SWIT: SORT OF SWITCH



### TY-SWIT: TYPE OF THE SWITCH



# TOGGLE SWITCHES



## TECHNICAL SHEET

### CAP-PR: CAP PRESENT



### SYM-PR: SYMBOL PRESENT



### LHT-PR: LIGHT PRESENT



TOGGLE SWITCHES



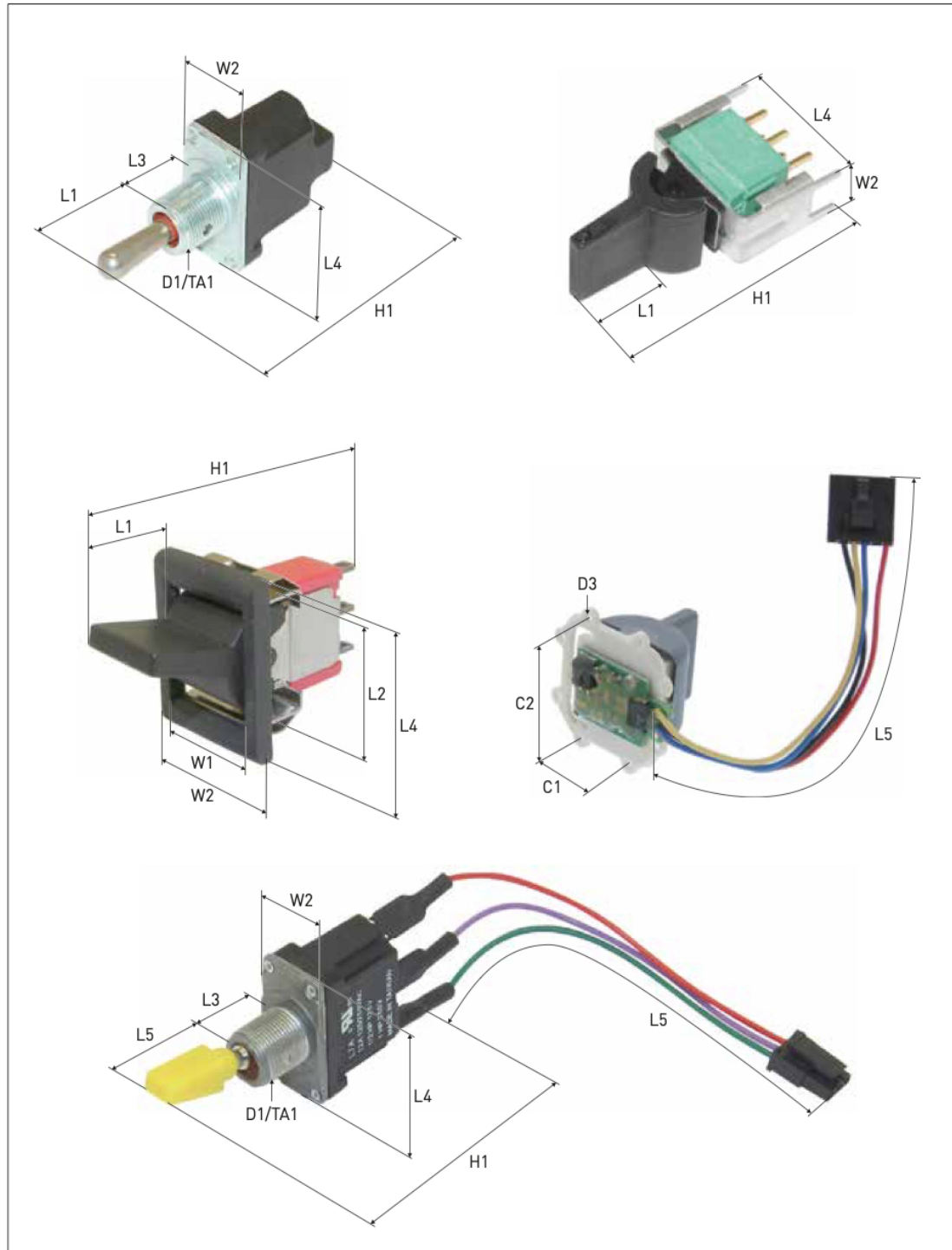
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## TECHNICAL SHEET

### DIMENSIONS



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# TOGGLE SWITCHES



## TECHNICAL SHEET



## TECHNISCHE FICHE

### TUIMELSCHAKELAAR

Groep  
**02-03-14-00**

Voorbeeld



Gegevens klant

Type machine: .....

Prijsaanvraag

Serienr. machine: .....

Bestelling

QTY-CON . . . . . Aantal aansluitingen

TY-CON . . . . . Type aansluiting:

*CON = connector*

*F2,8 = vlakstekker 2,8 mm*

*F4,8 = vlakstekker 4,8 mm*

*F6,3 = vlakstekker 6,3 mm*

*F9,5 = vlakstekker 9,5 mm*

*PIN = pin*

*SCRHO = schroef met gat*

*SCR = schroef*

*SCR F = vlakstekker met schroef*

*SCRS = schroef in trappen*

*SO = soldeerverbinding*

*ST = bout*

*WIRE = kabel*

*WC = kabel met connector*

*WP = kabel met pin*

*SP = speciaal*

QTY-PIN . . . . . Aantal pinnen in de connector

I . . . . . Stroomsterkte (A)

U1 . . . . . Minimum spanning (V)

U2 . . . . . Maximum spanning (V)

ACTU-PR . . . . . Bedieningsknop aanwezig (ja/nee)

TY-ACTU . . . . . Type bedieningsknop:

*FL = plat*

*RO = rond*

*FL-LOCK = plat met vergrendeling*

*RO-LOCK = rond met vergrendeling*

*OP = optioneel*

L1 . . . . . Lengte van de bedieningsknop (mm)

D1 . . . . . Inbouwdiameter (mm)

L2 . . . . . Inbouw lengte (mm)

W1 . . . . . Inbouw breedte (mm)

L3 . . . . . Lengte van de schroefdraad bij paneelmontage (mm)

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TA1 .....	Type schroefdraad
SUB-TA1 .....	Subtype schroefdraad
Pm1 .....	Spoed (metrisch)
Pi1 .....	Spoed (inch)
RH/LH .....	Rechtse of linkse schroefdraad
L4 .....	Totale lengte van de tuimelschakelaar (mm)
W2 .....	Totale breedte van de tuimelschakelaar (mm)
H1 .....	Totale hoogte van de tuimelschakelaar (mm)
D2 .....	Totale diameter van de tuimelschakelaar (mm)
QTY-H0 .....	Aantal bevestigingsgaten
C1 .....	Kortste centerafstand van de bevestigingsgaten (mm)
C2 .....	Langste centerafstand van de bevestigingsgaten (mm)
D3 .....	Diameter van het bevestigingsgat (mm)
L5 .....	Lengte van de kabel (mm)
SRT-SWIT .....	Soort schakeling:
	1-POLE = 1-polig
	2-POLE = 2-polig
	3-POLE = 3-polig
	4-POLE = 4-polig
	X-POLE = X-polig
	SI-POLE = enkelpolig
	DO-POLE = dubbelpolig
	TR-POLE = driepolig
	FO-POLE = vierpolig
	MUL-POLE = meerpolig
	SP = speciaal
TY-SWIT .....	Type van schakeling:
	SWIT-1 = AAN-UIT
	SWIT-2 = AAN-(UIT)
	SWIT-3 = (AAN)-UIT
	SWIT-4 = AAN-AAN
	SWIT-5 = AAN-(AAN)
	SWIT-6 = AAN-UIT-AAN
	SWIT-7 = AAN-UIT-(AAN)
	SWIT-8 = (AAN)-UIT-(AAN)
	SWIT-9 = AAN-AAN-AAN
	SWIT-10 = AAN-AAN-(AAN)
	SWIT-11 = (AAN)-AAN-(AAN)
	SWIT-12 = AAN-GEEN-AAN
	SWIT-13 = AAN-GEEN-(AAN)
	SWIT-14 = AAN-AAN-GEEN
	SWIT-15 = (AAN)-AAN-GEEN
	SWIT-16 = AAN-(AAN)-GEEN
	SWIT-17 = AAN-UIT-GEEN
	SWIT-18 = (AAN)-UIT-GEEN
	SWIT-19 = AAN-(UIT)-GEEN
	SWIT-20 = UIT-AAN-GEEN
	SWIT-21 = (UIT)-AAN-GEEN
	SWIT-22 = UIT-(AAN)-GEEN
	SWIT-23 = AAN-GEEN-UIT
	SWIT-24 = AAN-GEEN-(UIT)
	SWIT-25 = (AAN)-GEEN-UIT
	SP = speciaal

# TOGGLE SWITCHES



## TECHNICAL SHEET



MAT-H . . . . . Materiaal van de behuizing:

*MET = metaal*

*METPL = metaal + plastic*

*PL = plastic*

MAT-ACTU . . . . . Materiaal van de bediening:

*MET = metaal*

*METPL = metaal + plastic*

*PL = plastic*

IP . . . . . IP-waarde

CAP-PR . . . . . Kap aanwezig (ja/nee)

SYM-PR . . . . . Symbool aanwezig (ja/nee)

LHT-PR . . . . . Licht aanwezig:

*NO = nee*

*YES = ja*

*OP = optioneel*

LET . . . . . Opschrift: tekst of cijfers aanwezig op de tuimelschakelaar



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## TECHNICAL SHEET



FICHE TECHNIQUE

### INTERRUPTEUR À LEVIER

Groupe  
**02-03-14-00**

Exemple



Données client

Type machine : .....

Demande de prix

No. série machine : .....

Commande

QTY-CON . . . . . Nombre de connexions

TY-CON . . . . . Type de connexion :

*CON = connecteur**F2,8 = fiche 2,8 mm**F4,8 = fiche 4,8 mm**F6,3 = fiche 6,3 mm**F9,5 = fiche 9,5 mm**PIN = cosse**SCRHO = trou avec vis**SCR = vis**SCR F = fiche avec vis**SCR S = vis à gradins**SO = connexion à souder**ST = goujons**WIRE = câble**WC = câble avec connecteur**WP = câble avec cosse**SP = spécial*

QTY-PIN . . . . . Nombre de cosses dans le connecteur

I . . . . . Courant (A)

U1 . . . . . Tension minimale (V)

U2 . . . . . Tension maximale (V)

ACTU-PR . . . . . Actionneur présent (oui/non)

TY-ACTU . . . . . Type d'actionneur :

*FL = plat**RO = rond**FL-LOCK = plat avec verrouillage**RO-LOCK = rond avec verrouillage**OP = en option*

L1 . . . . . Longueur de l'actionneur (mm)

D1 . . . . . Diamètre de montage (mm)

L2 . . . . . Longueur de montage (mm)

W1 . . . . . Largeur de montage (mm)

L3 . . . . . Longueur de filetage pour montage sur panneau (mm)

# TOGGLE SWITCHES



## TECHNICAL SHEET

TA1	.....	Type de filetage
SUB-TA1	.....	Sous-type de filetage
Pm1	.....	Pas métrique
Pi1	.....	Pas en pouce
RH/LH	.....	Filetage à droite ou à gauche
L4	.....	Longueur totale de l'interrupteur à levier (mm)
W2	.....	Largeur totale de l'interrupteur à levier (mm)
H1	.....	Hauteur totale de l'interrupteur à levier (mm)
D2	.....	Diamètre total de l'interrupteur à levier (mm)
QTY-HO	.....	Nombre de trous de fixation
C1	.....	Plus petit entraxe des trous de fixation (mm)
C2	.....	Plus grand entraxe des trous de fixation (mm)
D3	.....	Diamètre des de fixation (mm)
L5	.....	Longueur du câble (mm)
SRT-SWIT	.....	Sorte d'interrupteur :
		1-POLE = unipolaire
		2-POLE = bipolaire
		3-POLE = tripolaire
		4-POLE = quadripolaire
		X-POLE = pôle X
		SI-POLE = pôle simple
		DO-POLE = pôle double
		TR-POLE = pôle triple
		FO-POLE = pôle quadruple
		MUL-POLE = multipolaire
		SP = spécial
TY-SWIT	.....	Type d'interrupteur :
		SWIT-1 = ON-OFF
		SWIT-2 = ON-(OFF)
		SWIT-3 = (ON)-OFF
		SWIT-4 = ON-ON
		SWIT-5 = ON-(ON)
		SWIT-6 = ON-OFF-ON
		SWIT-7 = ON-OFF-(ON)
		SWIT-8 = (ON)-OFF-(ON)
		SWIT-9 = ON-ON-ON
		SWIT-10 = ON-ON-(ON)
		SWIT-11 = (ON)-ON-(ON)
		SWIT-12 = ON-NONE-ON
		SWIT-13 = ON-NONE-(ON)
		SWIT-14 = ON-ON-NONE
		SWIT-15 = (ON)-ON-NONE
		SWIT-16 = ON-(ON)-NONE
		SWIT-17 = ON-OFF-NONE
		SWIT-18 = (ON)-OFF-NONE
		SWIT-19 = ON-(OFF)-NONE
		SWIT-20 = OFF-ON-NONE
		SWIT-21 = (OFF)-ON-NONE
		SWIT-22 = OFF-(ON)-NONE
		SWIT-23 = ON-NONE-OFF
		SWIT-24 = ON-NONE-(OFF)
		SWIT-25 = (ON)-NONE-OFF
		SP = spécial

# TOGGLE SWITCHES



TOGGLE SWITCHES

## TECHNICAL SHEET



MAT-H..... Matériau du boîtier :

*MET = métal*

*METPL = métal plastique*

*PL = plastique*

MAT-ACTU .... Matériau de l'actionneur :

*MET = métal*

*METPL = métal plastique*

*PL = plastique*

IP..... Valeur IP

CAP-PR..... Capuchon présent (oui/non)

SYM-PR..... Symbole présent (oui/non)

LHT-PR..... Lampe présente :

*NO = non*

*YES = oui*

*OP = en option*

LET ..... Inscriptions : texte ou chiffres présents sur l'interrupteur à levier

# TOGGLE SWITCHES



## TECHNICAL SHEET



## TECHNISCHES DATENBLATT

### KIPPSCHALTER

Gruppe  
**02-03-14-00**

Beispiel



Kundendaten

Maschinentyp: .....

Preis Anfrage

Serien-Nr. Maschine: .....

Bestellung

QTY-CON . . . . . Anzahl der Anschlüsse

TY-CON . . . . . Art des Anschlusses:

*CON = Stecker*

*F2,8 = Flachstecker 2,8 mm*

*F4,8 = Flachstecker 4,8 mm*

*F6,3 = Flachstecker 6,3 mm*

*F9,5 = Flachstecker 9,5 mm*

*PIN = Stift*

*SCRHO = Schraubenloch*

*SCR = Schraube*

*SCRF = Flachstecker mit Schraube*

*SCRS = Stufenschraube*

*SO = Lötanschluss*

*ST = Bolzen*

*WIRE = Kabel*

*WC = Kabel mit Stecker*

*WP = Kabel mit Stift*

*SP = Sonderanschluss*

QTY-PIN . . . . . Anzahl der Stifte im Anschluss

I . . . . . Strom (A)

U1 . . . . . Minimale Spannung (V)

U2 . . . . . Maximale Spannung (V)

ACTU-PR. . . . . Aktuator vorhanden (ja/nein)

TY-ACTU . . . . . Art des Aktuators:

*FL = Flach*

*RO = Rund*

*FL-LOCK = Flach mit Verriegelung*

*RO-LOCK = Rund mit Verriegelung*

*OP = Optional*

L1 . . . . . Länge des Aktuators (mm)

D1 . . . . . Einbaudurchmesser (mm)

L2 . . . . . Eingebaute Länge (mm)

W1 . . . . . Eingebaute Breite (mm)

L3 . . . . . Länge des Gewindes für Tafleinbau (mm)

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TA1 .....	Art des Gewindes
SUB-TA1 .....	Unterart des Gewindes
Pm1 .....	Steigung (metrisch)
Pi1 .....	Steigung (Zoll)
RH/LH .....	Rechts- oder linkshändiges Gewinde
L4 .....	Gesamtlänge des Kippschalters (mm)
W2 .....	Gesamtbreite des Kippschalters (mm)
H1 .....	Gesamthöhe des Kippschalters (mm)
D2 .....	Gesamtdurchmesser des Kippschalters (mm)
QTY-H0 .....	Anzahl der Befestigungslöcher
C1 .....	Kürzester Mittenabstand zwischen Montagebohrungen (mm)
C2 .....	Längster Mittenabstand zwischen Montagebohrungen (mm)
D3 .....	Durchmesser der Montagebohrungen (mm)
L5 .....	Länge des Kabels (mm)
SRT-SWIT .....	Typ des Schalters:
	1-POLE = 1-polig
	2-POLE = 2-polig
	3-POLE = 3-polig
	4-POLE = 4-polig
	X-POLE = X-polig
	SI-POLE = Einzelpolig
	DO-POLE = Doppelpolig
	TR-POLE = Dreipolig
	FO-POLE = Vierpolig
	MUL-POLE = Mehrpolig
	SP = Sonderausführung
TY-SWIT .....	Art des Schalters:
	SWIT-1 = ON-OFF
	SWIT-2 = ON-(OFF)
	SWIT-3 = (ON)-OFF
	SWIT-4 = ON-ON
	SWIT-5 = ON-(ON)
	SWIT-6 = ON-OFF-ON
	SWIT-7 = ON-OFF-(ON)
	SWIT-8 = (ON)-OFF-(ON)
	SWIT-9 = ON-ON-ON
	SWIT-10 = ON-ON-(ON)
	SWIT-11 = (ON)-ON-(ON)
	SWIT-12 = ON-NONE-ON
	SWIT-13 = ON-NONE-(ON)
	SWIT-14 = ON-ON-NONE
	SWIT-15 = (ON)-ON-NONE
	SWIT-16 = ON-(ON)-NONE
	SWIT-17 = ON-OFF-NONE
	SWIT-18 = (ON)-OFF-NONE
	SWIT-19 = ON-(OFF)-NONE
	SWIT-20 = OFF-ON-NONE
	SWIT-21 = (OFF)-ON-NONE
	SWIT-22 = OFF-(ON)-NONE
	SWIT-23 = ON-NONE-OFF
	SWIT-24 = ON-NONE-(OFF)
	SWIT-25 = (ON)-NONE-OFF
	SP = Sonderausführung



# TOGGLE SWITCHES



## TECHNICAL SHEET



MAT-H . . . . . Material des Gehäuses:

*MET = Metall*

*METPL = Metallplastik*

*PL = Kunststoff*

MAT-ACTU . . . . Material des Aktuators:

*MET = Metall*

*METPL = Metallplastik*

*PL = Kunststoff*

IP . . . . . IP-Wert/Schutz

CAP-PR . . . . . Kappe vorhanden (ja/nein)

SYM-PR . . . . . Symbol vorhanden (ja/nein)

LHT-PR . . . . . Licht vorhanden:

*NO = Nein*

*YES = Ja*

*OP = Optional*

LET . . . . . Beschriftung: Text und/oder Ziffern auf dem Kippschalter

TOGGLE SWITCHES



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N° of connections: 1							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	6,35	on-off-on	single-pole	Wire with connector	125 V 250 V	3	<a href="#">146TA2628</a>
	12	on-none-off	single-pole	Wire with connector	125 V 250 V	15	<a href="#">165TA7559</a>
	12	on-none-on	single-pole	Wire with connector	125 V 250 V	12	<a href="#">126TA5396</a>
	12	on-off-on	double-pole	Wire with connector	250 V	40	<a href="#">146TA3463</a>
	12	on-off-on	single-pole	Wire with connector	125 V 250 V	3	<a href="#">165TA7581</a>
	22	Special	Special	Wire with connector	12 V 24 V	15	<a href="#">147TA1144</a>
		(on)-off-(on)	Special	Connector	12 V 24 V	15	<a href="#">146TA8082</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 2							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	off-(on)-none	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">126TA5391</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	off-(on)-none	single-pole	Screw step	125 V 250 V	10	<a href="#">123TA7603</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	double-pole	Wire with connector Wire with pin	125 V 250 V	12	<a href="#">146TA8107</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7551</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Blade 6,3 mm	125 V 250 V	15	<a href="#">126TA5394</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Blade 6,3 mm	125 V 277 V	15	<a href="#">165TA7548</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Blade 6,3 mm	250 V	15	<a href="#">146TA8487</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Screw	250 V	10	<a href="#">147TA1496</a>

# TOGGLE SWITCHES






TOGGLE SWITCHES

N° of connections: 2							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	single-pole	Screw step	125 V 250 V	12	<a href="#">144TA6091</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off	1-pole	Blade 6,3 mm			<a href="#">165TA7579</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off	1-pole	Wire with connector Wire with pin	125 V	6	<a href="#">144TA5478</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off	single-pole	Screw step	125 V 250 V	10	<a href="#">165TA7568</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-none	single-pole	Blade 6,3 mm	125 V 250 V	6	<a href="#">144TA9890</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-none	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7554</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-none	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">165TA7586</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-none	single-pole	Blade 6,3 mm	125 V 277 V	15	<a href="#">165TA7543</a>

# TOGGLE SWITCHES



N° of connections: 2

	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	on-off-none	single-pole	Screw	250 V	10	<a href="#">165TA7553</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	22	off-(on)-none	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">126TA5395</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
		on-none-off	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7555</a>

TOGGLE SWITCHES

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 3

	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	6,35	(on)-off-(on)	single-pole	Solder connection	10 V 30 V	4	<a href="#">165TA7556</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	6,35	on-none-on	single-pole	Solder connection	10 V 30 V	4	<a href="#">165TA7575</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	6,35	on-off-on	single-pole	Solder connection	125 V 250 V	3	<a href="#">165TA7580</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	double-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7540</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	12 V 24 V	10	<a href="#">165TA7584</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	28 V 250 V	12	<a href="#">165TA7585</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	125 V 250 V	6	<a href="#">145TA1939</a>
	<b>Built-in diameter mm</b>	<b>Type of the switch</b>	<b>Sort of switch</b>	<b>Type of the connection</b>	<b>Voltage - min - max</b>	<b>Current A</b>	<b>REF</b>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	125 V 250 V	6	<a href="#">138TA7104</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 3							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">126TA5385</a>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">126TA4743</a>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	250 V 250 V	15	<a href="#">144TA9182</a>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	250 V 250 V	15	<a href="#">165TA7558</a>
	12	(on)-off-(on)	single-pole	Blade 6,3 mm	250 V	15	<a href="#">165TA7558</a>
	12	(on)-off-(on)	single-pole	Screw blade	125 V 250 V	12	<a href="#">165TA7566</a>
	12	(on)-off-(on)	single-pole	Screw step	125 V 250 V	10	<a href="#">165TA7587</a>
	12	(on)-off-(on)	single-pole	Screw step	125 V 250 V	10	<a href="#">165TA7588</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 3

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	single-pole	Screw step	125 V 250 V	12	<a href="#">165TA7578</a>
	12	(on)-off-(on)	single-pole	Screw step	125 V 277 V	10	<a href="#">128TA3040</a>
	12	(on)-off-(on)	single-pole	Solder connection	125 V 250 V	6	<a href="#">165TA7567</a>
	12	on-none-(on)	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7582</a>
	12	on-none-(on)	single-pole	Solder connection	125 V 250 V	6	<a href="#">165TA7565</a>
	12	on-none-on	double-pole	Wire	120 V 250 V	2	<a href="#">128TA3041</a>
	12	on-none-on	single-pole	Blade 6,3 mm	12 V		<a href="#">165TA7573</a>
	12	on-none-on	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">126TA4745</a>



# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 3							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	single-pole	Blade 6,3 mm	125 V 277 V	15	<a href="#">165TA7563</a>
	12	on-none-on	single-pole	Blade 6,3 mm	250 V	15	<a href="#">146TA9093</a>
	12	on-none-on	single-pole	Screw step	125 V 250 V	12	<a href="#">146TA1783</a>
	12	on-none-on	single-pole	Solder connection	125 V 250 V	6	<a href="#">165TA7570</a>
	12	on-off-(on)	single-pole	Screw step	125 V	10	<a href="#">123TA7606</a>
	12	on-off-on	1-pole	Blade 6,3 mm	250 V	12	<a href="#">165TA7576</a>
	12	on-off-on	single-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">146TA9110</a>
	12	on-off-on	single-pole	Blade 6,3 mm	125 V 250 V	12	<a href="#">165TA7539</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 3							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Blade 6,3 mm	125 V 250 V	15	<a href="#">165TA7571</a>
	12	on-off-on	single-pole	Blade 6,3 mm	250 V	10	<a href="#">165TA7549</a>
	12	on-off-on	single-pole	Blade 6,3 mm	250 V	10	<a href="#">144TA7050</a>
	12	on-off-on	single-pole	Blade 6,3 mm	250 V	10	<a href="#">165TA7577</a>
	12	on-off-on	single-pole	Screw	125 V 250 V	6	<a href="#">165TA7564</a>
	12	on-off-on	single-pole	Screw	250 V	10	<a href="#">165TA7537</a>
	12	on-off-on	single-pole	Screw	250 V	10	<a href="#">165TA7542</a>
	12	on-off-on	single-pole	Screw	250 V	15	<a href="#">165TA7541</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES



N° of connections: 3							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Screw	250 V	15	<a href="#">146TA9188</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Screw step	125 V 250 V	12	<a href="#">165TA7574</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Screw step	250 V	15	<a href="#">165TA7557</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Solder connection	125 V 250 V	6	<a href="#">147TA2523</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	single-pole	Solder connection	125 V 250 V	6	<a href="#">165TA7561</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	22	on-none-(on)	single-pole	Screw step	125 V 277 V	10	<a href="#">123TA7602</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		(on)-off-(on)	single-pole	Blade 6,3 mm	24 V	15	<a href="#">146TA6848</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		(on)-off-(on)	single-pole	Blade 6,3 mm	28 V	4	<a href="#">165TA7535</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 3

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		on-none-on	single-pole	Blade 6,3 mm	24 V	4	<a href="#">165TA7546</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		on-off-on	single-pole	Blade 6,3 mm	125 V 250 V	10,1	<a href="#">165TA7552</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES


N° of connections: 4							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-(off)	double-pole	Screw step	125 V 250 V	10	<a href="#">144TA9933</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	double-pole	Screw	125 V 250 V	12	<a href="#">165TA7560</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-off	double-pole	Screw step	125 V 250 V	15	<a href="#">165TA7583</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off	2-pole	Blade 6,3 mm	250 V	15	<a href="#">165TA7547</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-none	double-pole	Screw	120 V 250 V	20	<a href="#">144TA8113</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	22	on-off-on	2-pole	Screw	125 V 250 V	10	<a href="#">144TA6878</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		on-none-off	2-pole	Blade 4,8 mm	125 V 250 V	6	<a href="#">165TA7545</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		on-none-on	single-pole	Blade 6,3 mm	24 V	15	<a href="#">165TA7562</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES



N° of connections: 4

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
			2-pole	Blade 6,3 mm	125 V 250 V	15	<a href="#">165TA7572</a>

# TOGGLE SWITCHES



N° of connections: 5

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	22	on-off-on	single-pole	Blade 6,3 mm	12 V 24 V	15	<a href="#">165TA7569</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	22	Special	Special	Blade 6,3 mm	12 V 24 V	15	<a href="#">146TA8101</a>


TOGGLE SWITCHES

# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 8

	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
		Special		Blade 4,8 mm	28 V	4	<a href="#">165TA7550</a>



# TOGGLE SWITCHES



TOGGLE SWITCHES

N° of connections: 12							
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	(on)-off-(on)	four-pole	Screw step	125 V 277 V	10	<a href="#">123TA7617</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-none-on	four-pole	Blade 6,3 mm	125 V 277 V	15	<a href="#">165TA7536</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	on-off-on	four-pole	Screw step	125 V 250 V	10	<a href="#">164TA1252</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	Special	four-pole	Blade 6,3 mm	125 V 250 V	10	<a href="#">165TA7544</a>
	Built-in diameter mm	Type of the switch	Sort of switch	Type of the connection	Voltage - min - max	Current A	REF
	12	Special	four-pole	Solder connection	125 V 250 V	5	<a href="#">165TA7538</a>

# TOGGLE SWITCHES



TOGGLE SWITCHES

## NOTES

A series of horizontal dotted lines for taking notes.