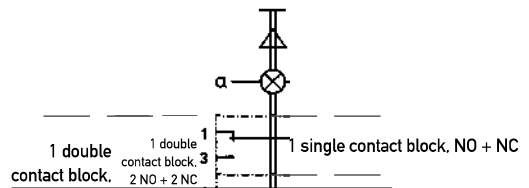


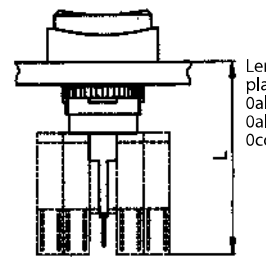
Modular Push Button



Circuit diagram (2 double contact blocks)



Dimension



TP2

TP2

Panel cut-out (mm)	Ø 16.2 or Ø 22.5
Characteristics	<ul style="list-style-type: none"> ■ momentary or latching ■ sealed IP40, IP65 or IP67 ■ wide range of bezels ■ with or without illumination ■ NO, NC, CO ■ gold plated single or double pole contact blocks
Rating	250 VAC, 5 A
Dimensions (mm)	18 × 24 18 × 18 Ø 18 Ø 25
Actuator	■ lenses in different shapes and colors
Approvals	UL, CSA, VDE



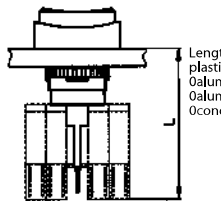
Popular products

Ordering Reference	Panel cut-out	Function	Actuator style	Terminals	Electrical rating
TP21LAAC1C1A4CN	Ø 16.2 mm	Latching: IP40	18 × 24 mm, red Illumination	2.8 × 0.5 mm faston	250 VAC, 5A
TP21LDAC1C1D4CN	Ø 16.2 mm	Latching: IP40	Ø 18 mm, red Illumination	2.8 × 0.5 mm faston	250 VAC, 5A
TP21MAAC1C1A4CN	Ø 16.2 mm	Momentary: IP40	18 × 24 mm, red Illumination	2.8 × 0.5 mm faston	250 VAC, 5A
TP21MDAC1C1D4CN	Ø 16.2 mm	Momentary: IP40	Ø 18 mm, red Illumination	2.8 × 0.5 mm faston	250 VAC, 5A
TP22LFAC1C1E4CN	Ø 22.5 mm	Latching: IP65	Ø 25 mm, red Illumination	2.8 × 0.5 mm faston	250 VAC, 5A
TP22MFAC1C1E4CN	Ø 22.5 mm	Momentary: IP65	Ø 25 mm, red Illumination	2.8 × 0.5 mm faston	250 VAC, 5A

Specifications

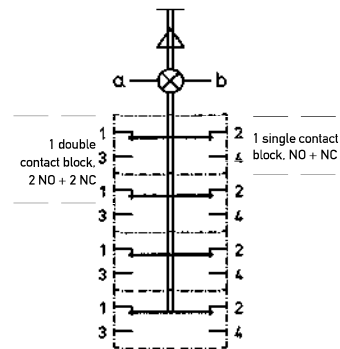
Mechanism	Bi-functional – momentary or latching
Actuating force	Approximately 2.5N – 1 contact block
Mounting	Central fixing with metal lock nut
Protection	IP40, IP65, IP67
Bezel material	Thermoplastic or anodized aluminum alloy
Lens material	Polycarbonate – engravable
Illumination	T1 ¼ midget grooved lamps – incandescent lamps , LEDs, multi LEDs 60 V, 1.2W maximum Lamp contact "b" = cathode (-) Appropriate safety regulations should be respected when using the indicator light.
Temperature range °C	-25°C to +85°C
Mechanical life	10 ⁶ cycles
Contact block	Slide-on assembly by the user with locking mechanism
Contact block housing	Self-extinguishing duroplastic (UL 94 plus V0)
Terminal material	Silver alloy with 0.2 µm silver plating, 0.4 µm gold plating
Contact resistance	<30 mOhm
Number of contact blocks	User configurable NO or NC types up to a maximum of 2 double contact blocks
Terminals	Solder – suitable for wire diameter 1 × 1.00 mm ² (braided), 2 × 0.75 mm (stranded) Faston – 2.8 mm × 0.5 mm
Vibration resistance	1.5 mm pp amplitude at 55 Hz

Dimensions



Length in mm (with contact block)	
plastic bezels	43.0
aluminum bezels	42.0
aluminum bezels concealed mounting	50.0

Circuit diagram (2 double contact blocks)



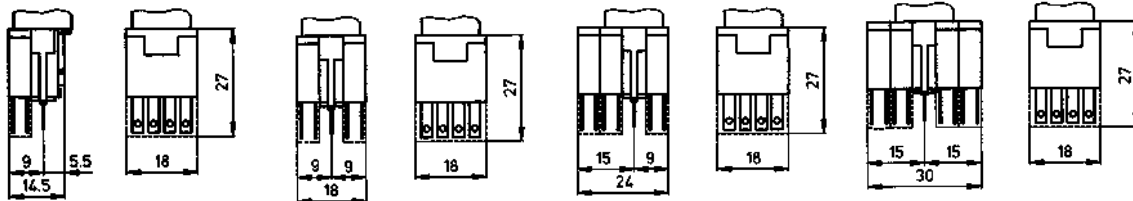
Contact blocks

1 single contact block

2 single contact blocks

1 single contact block +
1 double contact block

2 double contact blocks



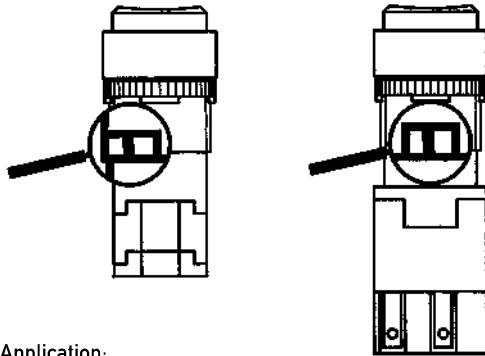
Recommended maximum electrical ratings

Voltage (max)	Resistive load (A)	Inductive load (A)	Approval
250 VAC	5.0 (0.7 pf)	L/R = 15 ms	UL, CSA, VDE - max. admissible circuit breaker C6A
12 VDC	5.0	3.0	General rating
24 VDC	4.0	2.0	General rating
36 VDC	3.0	1.7	General rating
48 VDC	2.0	1.5	General rating
60 VDC	1.5	1.2	General rating
125 VDC	0.5	0.3	General rating
250 VDC	0.3	0.2	General rating

Electrical life 50,000 cycles at 5A, 250 VAC, 0.7 pf

Bi-functional selection

All latching switches in the range incorporate a simple selector mechanism for modifying the function of the switch. This function is not available with momentary switches.

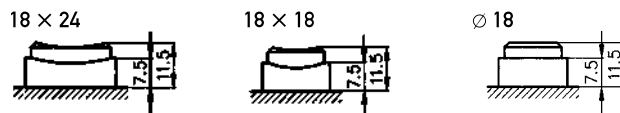


Application:

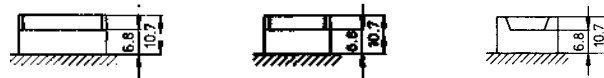
When the switch is in the off position the selector mechanism can be moved to the right to obtain a momentary function, or to the left to return to a latching function.

Plastic bezel and lens heights in mm (switch off position)

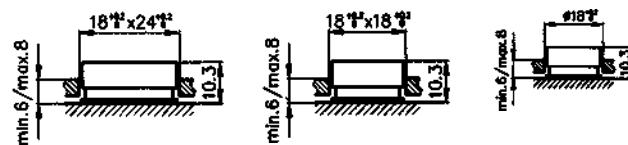
exposed version IP40



exposed version IP67



Panel cut-out exposed version 16.2 ± 0.1 mm



Aluminum bezel Ø 25 and lens heights in mm (switch off position)

aluminum bezel without sealing gasket (IP40)



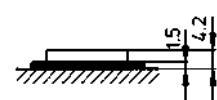
aluminum bezel countersunk mounting (IP40)



aluminum bezel with sealing gasket (IP65)



aluminum bezel countersunk mounting (IP67)



Panel cut-out 22.5 ± 0.1 mm

Front panel thickness

plastic bezel

1.0 mm to 6.5 mm

aluminum bezel 1.0 mm to 5.0 mm

countersunk mounting 2.0 mm to 15.0 mm

Ordering Reference

Basic type	TP2				Example: TP2				1	MAA	A1	A1	A0	A	N	
Panel cut-out	1	Ø 16,2 mm														
Switch body (A)	MAA	Function	Actuator	Housing (plastic)	Part No.											
	LAA	Momentary	18 × 24 mm	Exposed ; IP40; faston	TH501008000											
	MAC	Latching_	18 × 24 mm	Exposed ; IP40; faston	TH511008000											
	LAC	Momentary	18 × 24 mm	Exposed ; IP67; faston	TH501015000											
	LAC	Latching_	18 × 24 mm	Exposed ; IP67; faston	TH511015000											
	MAB	Momentary	18 × 24 mm	Concealed ; IP40; faston	TH501002000											
	LAB	Latching_	18 × 24 mm	Concealed ; IP40; faston	TH511002000											
	(B)	MBA	Momentary	18 × 18 mm	Exposed ; IP40; faston	TH503008000										
		LBA	Latching_	18 × 18 mm	Exposed ; IP40; faston	TH513008000										
		MBC	Momentary	18 × 18 mm	Exposed ; IP67; faston	TH503015000										
		LBC	Latching_	18 × 18 mm	Exposed ; IP67; faston	TH513015000										
		MBB	Momentary	18 × 18 mm	Concealed ; IP40; faston	TH503002000										
		LBB	Latching_	18 × 18 mm	Concealed ; IP40; faston	TH513002000										
	(C)	MDA	Momentary	Ø 18 mm	Exposed ; IP40; faston	TH505008000										
		LDA	Latching_	Ø 18 mm	Exposed ; IP40; faston	TH515008000										
		MDC	Momentary	Ø 18 mm	Exposed ; IP67; faston	TH505015000										
		LDC	Latching_	Ø 18 mm	Exposed ; IP67; faston	TH515015000										
		MDB	Momentary	Ø 18 mm	Concealed ; IP40; faston	TH505002000										
LDB		Latching_	Ø 18 mm	Concealed ; IP40; faston	TH515002000											
Contact block, gold Position 1	XX	No Contact Blocks		Terminals	Part No.											
	A1	NO		2,8 × 0,5mm	TH593566020											
	A9	NO		Insulated faston	TH593560020											
	A8	NO		Solder	TH593561020											
	B1	NC		2,8 × 0,5mm	TH593566050											
	B9	NC		Insulated faston	TH593560050											
	B8	NC		Solder	TH593561050											
	C1	1 NO + 1 NC		2,8 × 0,5mm	TH593566000											
	C9	1 NO + 1 NC		Insulated faston	TH593560000											
	C8	1 NO + 1 NC		Solder	TH593561000											
	D1	2 NO + 2 NC		2,8 × 0,5mm	TH593567000											
	D9	2 NO + 2 NC		Insulated faston	TH593563000											
	D8	2 NO + 2 NC		Solder	TH593564000											
	Contact block, gold Position 2	XX	No Contact Blocks		Terminals	Part No.										
		A1	NO		2,8 × 0,5mm	TH593566020										
		A9	NO		Insulated faston	TH593560020										
A8		NO		Solder	TH593561020											
B1		NC		2,8 × 0,5mm	TH593566050											
B9		NC		Insulated faston	TH593560050											
B8		NC		Solder	TH593561050											
C1		1 NO + 1 NC		2,8 × 0,5mm	TH593566000											
C9		1 NO + 1 NC		Insulated faston	TH593560000											
C8		1 NO + 1 NC		Solder	TH593561000											
D1		2 NO + 2 NC		2,8 × 0,5mm	TH593567000											
D9		2 NO + 2 NC		Insulated faston	TH593563000											
D8		2 NO + 2 NC		Solder	TH593564000											
Lens, transparent For Switch body style (A)		A0	White	Exposed 15 × 21 mm	Exposed IP40 TH461021000	Exposed IP67 TH561011000	Concealed 18 × 24 mm	Concealed IP 40 TH461017000								
		A1	Yellow	15 × 21 mm	TH461121000	TH561111000	18 × 24 mm	TH461117000								
		A2	Green	15 × 21 mm	TH461221000	TH561211000	18 × 24 mm	TH461217000								
	A3	Blue	15 × 21 mm	TH461321000	TH561311000	18 × 24 mm	TH461317000									
	A4	Red	15 × 21 mm	TH461421000	TH561411000	18 × 24 mm	TH461417000									
	A6	Orange	15 × 21 mm	TH461621000	TH561611000	18 × 24 mm	TH461617000									
	For Switch body style (B)	B0	White	15 × 15 mm	TH463021000	TH563011000	18 × 18 mm	TH463018000								
		B1	Yellow	15 × 15 mm	TH463121000	TH563111000	18 × 18 mm	TH463118000								
		B2	Green	15 × 15 mm	TH463221000	TH563211000	18 × 18 mm	TH463218000								
		B3	Blue	15 × 15 mm	TH463321000	TH563311000	18 × 18 mm	TH463318000								
		B4	Red	15 × 15 mm	TH463421000	TH563411000	18 × 18 mm	TH463418000								
		B6	Orange	15 × 15 mm	TH463621000	TH563611000	18 × 18 mm	TH463618000								
For Switch body style (C)	D0	White	Ø 15 mm	TH465021000	TH565011000	Ø 18 mm	TH465015000									
	D1	Yellow	Ø 15 mm	TH465121000	TH565111000	Ø 18 mm	TH465115000									
	D2	Green	Ø 15 mm	TH465221000	TH565211000	Ø 18 mm	TH465215000									
	D3	Blue	Ø 15 mm	TH465321000	TH565311000	Ø 18 mm	TH465315000									
	D4	Red	Ø 15 mm	TH465421000	TH565411000	Ø 18 mm	TH465415000									
	D6	Orange	Ø 15 mm	TH465621000	TH565611000	Ø 18 mm	TH465615000									
Illumination	X	Non illuminated														
	A	6V														
	B	12V														
	C	24V														
Illumination Color	X	Non illuminated														
	N	Incandescent lamp		6V, 200 mA TH590000000	12V, 80 mA TH590001000	24V, 50 mA TH590006000	48V, 25 mA TH590004000									
	1	Yellow LED		6V AC/DC, 45 mA TH590231000	12V AC/DC, 25 mA TH590234000	24V AC/DC, 12,5 mA TH590237000	48V AC/DC, 12,5 mA TH590240000									
	2	Green LED		TH590232000	TH590235000	TH590238000	TH590241000									
4	Red LED		TH590230000	TH590233000	TH590236000	TH590239000										

Note: Contact blocks will be supplied unassembled

Ordering Reference

Basic type	TP2					Example: TP2	1	MAD	A1	A1	A0	A	N
Panel cut-out	1	Ø 16.2 mm											
Switch body (A)	MAD	Function	Actuator	Housing (plastic)	Part No.								
	LAD	Momentary	18 × 24 mm	Exposed ; IP40; solder	TH501108000								
	MAF	Latching_	18 × 24 mm	Exposed ; IP40; solder	TH511108000								
	LAF	Momentary	18 × 24 mm	Exposed ; IP67; solder	TH501115000								
	LAE	Latching_	18 × 24 mm	Exposed ; IP67; solder	TH511115000								
	MAE	Momentary	18 × 24 mm	Concealed ; IP40; solder	TH501102000								
	LAE	Latching_	18 × 24 mm	Concealed ; IP40; solder	TH511102000								
	(B)	MBD	Momentary	18 × 18 mm	Exposed ; IP40; solder	TH503108000							
		LBD	Latching_	18 × 18 mm	Exposed ; IP40; solder	TH513108000							
		MBF	Momentary	18 × 18 mm	Exposed ; IP67; solder	TH503115000							
		LBF	Latching_	18 × 18 mm	Exposed ; IP67; solder	TH513115000							
		MBE	Momentary	18 × 18 mm	Concealed ; IP40; solder	TH503102000							
		LBE	Latching_	18 × 18 mm	Concealed ; IP40; solder	TH513102000							
	(C)	MDD	Momentary	Ø 18 mm	Exposed ; IP40; solder	TH505108000							
		LDD	Latching_	Ø 18 mm	Exposed ; IP40; solder	TH515108000							
MDF		Momentary	Ø 18 mm	Exposed ; IP67; solder	TH505115000								
LDF		Latching_	Ø 18 mm	Exposed ; IP67; solder	TH515115000								
MDE		Momentary	Ø 18 mm	Concealed ; IP40; solder	TH505102000								
LDE		Latching_	Ø 18 mm	Concealed ; IP40; solder	TH515102000								
Contact block, gold Position 1	XX	No Contact Blocks		Terminals	Part No.								
	A1	NO		2.8 × 0.5mm	TH593566020								
	A9	NO		Insulated faston	TH593560020								
	A8	NO		Solder	TH593561020								
	B1	NC		2.8 × 0.5mm	TH593566050								
	B9	NC		Insulated faston	TH593560050								
	B8	NC		Solder	TH593561050								
	C1	1 NO + 1 NC		2.8 × 0.5mm	TH593566000								
	C9	1 NO + 1 NC		Insulated faston	TH593560000								
	C8	1 NO + 1 NC		Solder	TH593561000								
	D1	2 NO + 2 NC		2.8 × 0.5mm	TH593567000								
	D9	2 NO + 2 NC		Insulated faston	TH593563000								
	D8	2 NO + 2 NC		Solder	TH593564000								
	Contact block, gold Position 2	XX	No Contact Blocks		Terminals	Part No.							
A1		NO		2.8 × 0.5mm	TH593566020								
A9		NO		Insulated faston	TH593560020								
A8		NO		Solder	TH593561020								
B1		NC		2.8 × 0.5mm	TH593566050								
B9		NC		Insulated faston	TH593560050								
B8		NC		Solder	TH593561050								
C1		1 NO + 1 NC		2.8 × 0.5mm	TH593566000								
C9		1 NO + 1 NC		Insulated faston	TH593560000								
C8		1 NO + 1 NC		Solder	TH593561000								
D1		2 NO + 2 NC		2.8 × 0.5mm	TH593567000								
D9		2 NO + 2 NC		Insulated faston	TH593563000								
D8		2 NO + 2 NC		Solder	TH593564000								
Lens, transparent For Switch body style (A)		A0	White	Exposed 15 × 21 mm	Exposed IP40 TH461021000	Exposed IP67 TH561011000	Concealed 18 × 24 mm	Concealed IP 40 TH461017000					
	A1	Yellow	15 × 21 mm	TH461121000	TH561111000	18 × 24 mm	TH461117000						
	A2	Green	15 × 21 mm	TH461221000	TH561211000	18 × 24 mm	TH461217000						
	A3	Blue	15 × 21 mm	TH461321000	TH561311000	18 × 24 mm	TH461317000						
	A4	Red	15 × 21 mm	TH461421000	TH561411000	18 × 24 mm	TH461417000						
	A6	Orange	15 × 21 mm	TH461621000	TH561611000	18 × 24 mm	TH461617000						
	For Switch body style (B)	B0	White	15 × 15 mm	TH463021000	TH563011000	18 × 18 mm	TH463018000					
		B1	Yellow	15 × 15 mm	TH463121000	TH563111000	18 × 18 mm	TH463118000					
		B2	Green	15 × 15 mm	TH463221000	TH563211000	18 × 18 mm	TH463218000					
		B3	Blue	15 × 15 mm	TH463321000	TH563311000	18 × 18 mm	TH463318000					
		B4	Red	15 × 15 mm	TH463421000	TH563411000	18 × 18 mm	TH463418000					
		B6	Orange	15 × 15 mm	TH463621000	TH563611000	18 × 18 mm	TH463618000					
For Switch body style (C)	D0	White	Ø 15 mm	TH465021000	TH565011000	Ø 18 mm	TH465015000						
	D1	Yellow	Ø 15 mm	TH465121000	TH565111000	Ø 18 mm	TH465115000						
	D2	Green	Ø 15 mm	TH465221000	TH565211000	Ø 18 mm	TH465215000						
	D3	Blue	Ø 15 mm	TH465321000	TH565311000	Ø 18 mm	TH465315000						
	D4	Red	Ø 15 mm	TH465421000	TH565411000	Ø 18 mm	TH465415000						
	D6	Orange	Ø 15 mm	TH465621000	TH565611000	Ø 18 mm	TH465615000						
Illumination	X	Non illuminated											
	A	6V											
	B	12V											
	C	24V											
Illumination Color	F	48V											
	X	Non illuminated											
	N	Incandescent lamp		6V, 200 mA TH590000000	12V, 80 mA TH590001000	24V, 50 mA TH590006000	48V, 25 mA TH590004000						
	1	Yellow LED		6V AC/DC, 45 mA TH590231000	12V AC/DC, 25 mA TH590234000	24V AC/DC, 12.5 mA TH590237000	48V AC/DC, 12.5 mA TH590240000						
2	Green LED		TH590232000	TH590235000	TH590238000	TH590241000							
4	Red LED		TH590230000	TH590233000	TH590236000	TH590239000							

Note: Contact blocks will be supplied unassembled

Ordering Reference

Basic type	TP2			Example: TP2	2	MFA	A1	A1	E0	A	N	
Panel cut-out	2			Ø 22.5 mm								
Switch body (A)	Function	Actuator	Housing	Part No.								
	MFA Momentary	Ø 25	Exposed plastic; IP65; faston	TH505020000								
	LFA Latching_	Ø 25	Exposed plastic; IP65; faston	TH515020000								
	(B)	MFB Momentary	Ø 25	Exposed aluminum; IP40 / IP65*; faston	TH505018000							
		LFB Latching_	Ø 25	Exposed aluminum; IP40 / IP65*; faston	TH515018000							
	MFC Momentary	Ø 25	Exposed aluminum; IP65* with silicon cap; faston	TH505033000								
	LFC Latching_	Ø 25	Exposed aluminum; IP65* with silicon cap; faston	TH515033000								
	MFD Momentary	Ø 25	Flush-aluminum; IP40; faston	TH505050000								
	LFD Latching_	Ø 25	Flush-aluminum; IP40; faston	TH515050000								
	MFE Momentary	Ø 25	Flush-aluminum; IP67; faston	TH505051000								
LFE Latching_	Ø 25	Flush-aluminum; IP67; faston	TH515051000									
Contact block, gold Position 1	XX	No contact blocks		Part No.								
	A1	NO	2.8 × 0.5mm	TH593566020								
	A9	NO	Insulated faston	TH593560020								
	A8	NO	Solder	TH593561020								
	B1	NC	2.8 × 0.5mm	TH593566050								
	B9	NC	Insulated faston	TH593560050								
	B8	NC	Solder	TH593561050								
	C1	1 NO + 1 NC	2.8 × 0.5mm	TH593566000								
	C9	1 NO + 1 NC	Insulated faston	TH593560000								
	C8	1 NO + 1 NC	Solder	TH593561000								
	D1	2 NO + 2 NC	2.8 × 0.5mm	TH593569000								
	D9	2 NO + 2 NC	Insulated faston	TH593563000								
	D8	2 NO + 2 NC	Solder	TH593564000								
	Contact block, gold Position 2	XX	No contact blocks		Part No.							
		A1	NO	2.8 × 0.5mm	TH593566020							
A9		NO	Insulated faston	TH593560020								
A8		NO	Solder	TH593561020								
B1		NC	2.8 × 0.5mm	TH593566050								
B9		NC	Insulated faston	TH593560050								
B8		NC	Solder	TH593561050								
C1		1 NO + 1 NC	2.8 × 0.5mm	TH593566000								
C9		1 NO + 1 NC	Insulated faston	TH593560000								
C8		1 NO + 1 NC	Solder	TH593561000								
D1		2 NO + 2 NC	2.8 × 0.5mm	TH593569000								
D9		2 NO + 2 NC	Insulated faston	TH593563000								
D8		2 NO + 2 NC	Solder	TH593564000								
Lens, transparent For Switch body style (A)		E0	White	Ø 21	TH565024000	} For Plastic Bezel only IP65						
		E1	Yellow	Ø 21	TH565124000							
	E2	Green	Ø 21	TH565224000								
	E3	Blue	Ø 21	TH565324000								
	E4	Red	Ø 21	TH565424000								
	E6	Orange	Ø 21	TH565624000								
For Switch body style (B)	F0	White	Ø 18	TH465015000	IP40/IP65	IP65 with Silicon cap	IP67	} For Aluminum Bezel only				
	F1	Yellow	Ø 18	TH465115000	TH465001000	TH465101000	TH565025000					
	F2	Green	Ø 18	TH465215000	TH465201000	TH465225000	TH565125000					
	F3	Blue	Ø 18	TH465315000	TH465301000	TH465325000	TH565225000					
	F4	Red	Ø 18	TH465415000	TH465401000	TH465425000	TH565325000					
	F5	Orange	Ø 18	TH465515000	TH465501000	TH465525000	TH565425000					
	F6	Orange	Ø 18	TH465615000	TH465601000	TH465625000	TH565625000					
Illumination	X	Non illuminated										
	A	6V										
	B	12V										
	C	24V										
F	48V											
Illumination Color	X	Non illuminated										
	N	Incandescent lamp		6V, 200 mA	12V, 80 mA	24V, 50 mA	48V, 25 mA					
				TH590000000	TH590001000	TH590006000	TH590004000					
	1	Yellow LED	6V AC/DC, 45 mA	12V AC/DC, 25 mA	24V AC/DC, 12.5 mA	48V AC/DC, 12.5 mA						
	2	Green LED	TH590231000	TH590234000	TH590237000	TH590240000						
	3	Green LED	TH590232000	TH590235000	TH590238000	TH590241000						
	4	Red LED	TH590230000	TH590233000	TH590236000	TH590239000						

Note: Contact blocks will be supplied unassembled

TP2

Ordering Reference

Modular Push Button

Basic type	TP2				Example: TP2	2	MFF	A1	A1	E0	A	N	
Panel cut-out	2 Ø 22.5 mm												
Switch body (A)		Function	Actuator	Housing	Part No.								
	MFF	Momentary	Ø 25	Exposed plastic; IP65; solder	TH505120000								
	LFF	Latching	Ø 25	Exposed plastic; IP65; solder	TH515120000								
	(B)	MFG	Momentary	Ø 25	Exposed aluminum; IP40 / IP65*; solder	TH505118000							
		LFG	Latching	Ø 25	Exposed aluminum; IP40 / IP65*; solder	TH515118000							
	MFH	Momentary	Ø 25	Exposed aluminum; IP65* with silicon cap; solder	TH505133000								
	LFH	Latching	Ø 25	Exposed aluminum; IP65* with silicon cap; solder	TH515133000								
	MFJ	Momentary	Ø 25	Flush-aluminum; IP40; solder	TH505150000								
	LFJ	Latching	Ø 25	Flush-aluminum; IP40; solder	TH515150000								
	MFK	Momentary	Ø 25	Flush-aluminum; IP67; solder	TH505151000								
	LFK	Latching	Ø 25	Flush-aluminum; IP67; solder	TH515151000								
	Contact block, gold Position 1	XX	No Contact Blocks		Part No.								
A1		NO		2,8 × 0,5mm	TH593566020								
A9		NO		Insulated faston	TH593560020								
A8		NO		Solder	TH593561020								
B1		NC		2,8 × 0,5mm	TH593566050								
B9		NC		Insulated faston	TH593560050								
B8		NC		Solder	TH593561050								
C1		1 NO + 1 NC		2,8 × 0,5mm	TH593566000								
C9		1 NO + 1 NC		Insulated faston	TH593560000								
C8		1 NO + 1 NC		Solder	TH593561000								
D1		2 NO + 2 NC		2,8 × 0,5mm	TH593567000								
D9		2 NO + 2 NC		Insulated faston	TH593563000								
D8		2 NO + 2 NC		Solder	TH593564000								
Contact block, gold Position 2		XX	No Contact Blocks		Part No.								
		A1	NO		2,8 × 0,5mm	TH593566020							
		A9	NO		Insulated faston	TH593560020							
	A8	NO		Solder	TH593561020								
	B1	NC		2,8 × 0,5mm	TH593566050								
	B8	NC		Solder	TH593561050								
	C1	1 NO + 1 NC		2,8 × 0,5mm	TH593566000								
	C9	1 NO + 1 NC		Insulated faston	TH593560000								
	C8	1 NO + 1 NC		Solder	TH593561000								
	D1	2 NO + 2 NC		2,8 × 0,5mm	TH593567000								
	D9	2 NO + 2 NC		Insulated faston	TH593563000								
	D8	2 NO + 2 NC		Solder	TH593564000								
	Lens, transparent For Switch body style (A)	E0	White	Ø 21	TH565024000	} For Plastic Bezel only IP65							
		E1	Yellow	Ø 21	TH565124000								
		E2	Green	Ø 21	TH565224000								
		E3	Blue	Ø 21	TH565324000								
E4		Red	Ø 21	TH565424000									
E6		Orange	Ø 21	TH565624000									
For Switch body style (B)	F0	White	Ø 18	IP40/IP65 TH465015000	IP65 with Silicon cap TH465001000	IP67 TH565025000	} For Aluminum Bezel only						
	F1	Yellow	Ø 18	TH465115000	TH465101000	TH565125000							
	F2	Green	Ø 18	TH465215000	TH465201000	TH565225000							
	F3	Blue	Ø 18	TH465315000	TH465301000	TH565325000							
	F4	Red	Ø 18	TH465415000	TH465401000	TH565425000							
	F6	Orange	Ø 18	TH465615000	TH465601000	TH565625000							
Illumination	X	Non illuminated											
	A	6V											
	B	12V											
	C	24V											
F	48V												
Illumination Color	X	Non illuminated											
	N	Incandescent lamp		6V, 200 mA TH590000000	12V, 80 mA TH590001000	24V, 50 mA TH590006000	48V, 25 mA TH590004000						
	1	Yellow LED	6V AC/DC, 45 mA TH590231000	12V AC/DC, 25 mA TH590234000	24V AC/DC, 12.5 mA TH590237000	48V AC/DC, 12.5 mA TH590240000							
	2	Green LED	TH590232000	TH590235000	TH590238000	TH590241000							
	4	Red LED	TH590230000	TH590233000	TH590236000	TH590239000							

Note: Contact blocks will be supplied unassembled