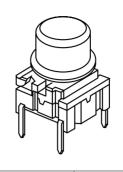
multimec®3F+1D/1E/1F



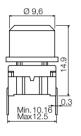


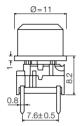
Technical Data:

- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range: low temp: -40/+115°C

high temp: -40/+160°C

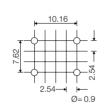
Dimensions (through-hole)



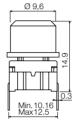


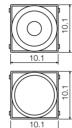
PCB lavout

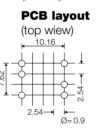




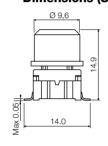
Dimensions (w/LED)

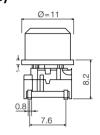






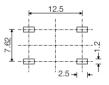
Dimensions (SMD)





PCB lavout





HOW TO ORDER

3 F **Switch**

Mounting

T through-hole

S surface mount

L 6 low temp.

H 9 high temp.

1 D Cap

00 blue

02 green

03 grey **04** yellow

06 white

08 red

09 black

30 ultra blue 40 dusty blue 42 aqua blue

32 mint green

33 tele grey

34 melon 38 noble red 50 metal dark blue 53 metal light grey

57 metal dark grey

58 metal bordeaux

Standard versions:

3FTL6 3FTH9

3FSH9 3FSH9R

3 F

Switch

Mounting

T

T through-hole

LED

00 blue 20 green 40 yellow

80 red 2040 green/yellow

8020 red/green 8040 red/yellow Cap 1D





transparent

1 1

Lens

1 transparent

2 green

4 yellow

Standard versions:

3FTL600 3FTL620 3FTL640 3FTL680 3FTL62040 3FTL68020

3FTL68040

L 6 low temp.

H 9 high temp.

Cap 1E



Cap 1F





00 blue 02 green

03 grey **04** yellow

06 white

8 red

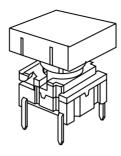
08 red 09 black

Ordering example: 3FTL620 + 1E032

multimec[®]

3F + 1K + 2K

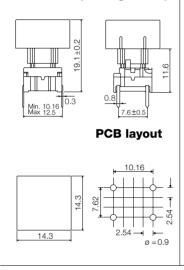




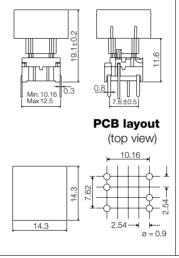
Technical Data:

- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range: low temp: -40/+115°C high temp: -40/+160°C

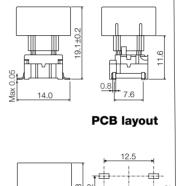
Dimensions (through-hole)



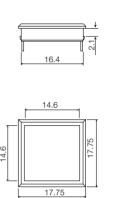
Dimensions (w/LED)



Dimensions (SMD)







HOW TO ORDER



Switch

Mounting T through-hole

S surface mount



L 6 low temp.

H 9 high temp.





04 yellow **06** white **08** red 09 black





09 black

Standard versions:

3FTL6 3FTH9

3FSH9

3FSH9R



T

Mounting

T through-hole

L 6 low temp.

LED H 9 high temp.

23 green **44** yellow **88** red

1 K 1 1 1 6

Cap transparent





03 grey Bezel

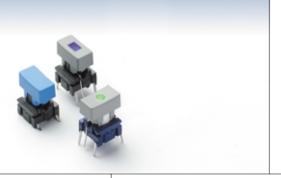


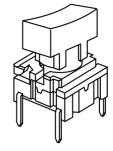
Standard versions:

3FTL622 3FTL644 3FTL688

Ordering example: 3FTL688 + 1K1116

multimec®3F+1P/1Q/1R



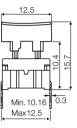


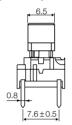
Technical Data:

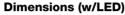
- through-hole or SMD
- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range:

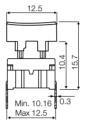
low temp: -40/+115°C high temp: -40/+160°C

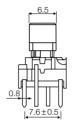
Dimensions (through-hole)

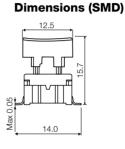


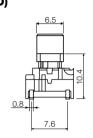












PCB layout



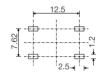




PCB layout (top view)



PCB layout



How to order

3 F

Switch

Mounting

T through-hole S surface mount

1 P

02 green

03 grey

06 white

08 red

Standard versions:

3FTL6

3FTH9

3FSH9R

L 6 low temp.

H 9 high temp.

3FSH9

Cap



00 blue

04 yellow

09 black



T

T through-hole

L 6 low temp.

LED







Switch Mounting

H 9 high temp.

03 grey **08** red 09 black Lens 1 transparent

Standard versions:

3FTL600

3FTL620 3FTL640

3FTL680

3FTL62040

3FTL68020 3FTL68040

00 blue 20 green

40 yellow **80** red

2040 green/yellow 8020 red/green 8040 red/yellow

Ordering example: 3 FTL680 + 1Q091

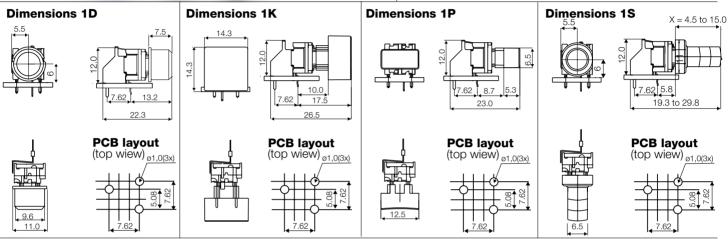
multimec® RAS + 1D/1K/1P/1S



through-hole only

Technical Data:

- 50mA/24VDC
- single pole/momentary
- 10.000.000 operations life time
- IP67 sealing
- temperature range: low temp: -40/+115°C



HOW TO ORDER

3 F **Switch**

Т Mounting T through-hole

L 6 L 6 low temp. RAS Right angle support

1 D Cap

00 blue 02 green 03 grey

04 yellow

06 white **08** red

09 black

30 ultra blue 40 dusty blue 42 aqua blue

32 mint green **33** tele grey **34** melon

38 noble red

50 metal dark blue 53 metal light grey

57 metal dark grey

58 metal bordeaux

1 P Cap

00 blue 02 000

~	U3 grey
	08 red
	09 black
4 15	

1 K 1 6 00 blue 02 green 03 grey

04 yellow 06 white

08 red 09 black

1	S	0	9	-			
Ca	рb	ola	ck			Н	
	_					16.	0
		1				19.	0
		♪)			22.	5

2 K

03 grey 06 white **08** red

09 black



X * 8.5 11.5 15.0

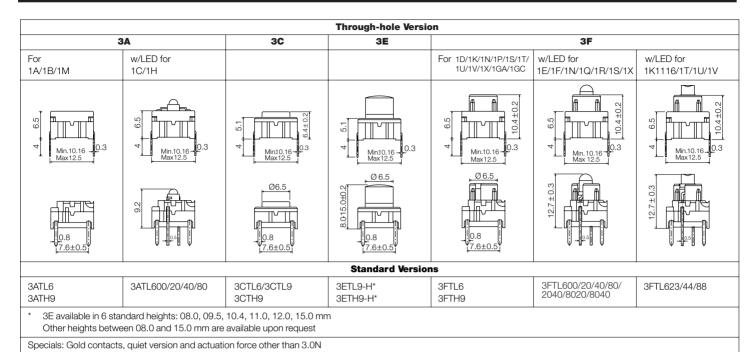
Standard versions:

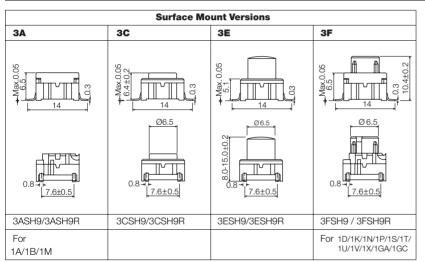
3FTL6RAS, 3CTL6RAS,

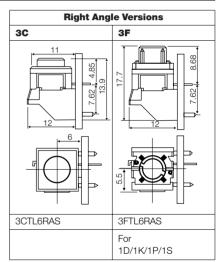
*Any cap height X from 8.5 to 15.0 mm is available. Please order 1S09-H, where H = X+7.5 mm Min. order Qty for custom heights is 2.000 pcs. A start-up charge will apply. 3CTL6 also available as right angle switch 3CTL6RAS. Please see multimec basic switch modules.

Ordering example: 3FTL6RAS + 1K0016 + 2K03

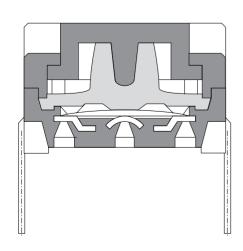






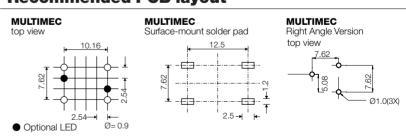


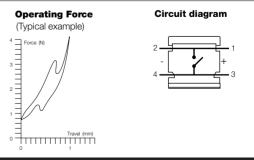
multimec® Cross Section



DIMENSIONS (mm) Unless otherwise specified, all tolerances ±0.2

Recommended PCB layout







Contact resistance	age guidelines Idering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.	Gold Ω 0.5μ-50mA 24VDC ax. 10 sec., please refer to C for max. 3 sec. Flux tight.	Min40°C Max. +160°C Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30 Soldering iron - max. 350°							
Contact resistance	OM \(\hat{\Omega}\) 5-50mA 24VDC mS - typically 0.5mS ON typ. ON for 10 sec. mm 0.000.000 cycles n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines Idering iron - max. 350 O°C % RH Days n55°C - Max. +85°C 0 min.	0.5μ-50mA 24VDC	Min40°C Max. +160°C Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	ave sec.						
Insulation resistance	OM \(\hat{\Omega}\) 5-50mA 24VDC mS - typically 0.5mS ON typ. ON for 10 sec. mm 0.000.000 cycles n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines Idering iron - max. 350 O°C % RH Days n55°C - Max. +85°C 0 min.	0.5μ-50mA 24VDC	Min40°C Max. +160°C Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	ave sec.						
Recommended load	5-50mA 24VDC mS - typically 0.5mS DN typ. ON for 10 sec. mm 0.000.000 cycles n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines Ildering iron - max. 350 O°C % RH Days n55°C - Max. +85°C min.	ax. 10 sec., please refer to	Min40°C Max. +160°C Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	ave sec.						
Contact bounce	mS - typically 0.5mS ON typ. ON typ. ON for 10 sec. nm 0.000.000 cycles n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines Idering iron - max. 350 O°C % RH Days n55°C - Max. +85°C omin.	ax. 10 sec., please refer to	Min40°C Max. +160°C Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	ave sec.						
Mechanical Specifications Standard actuation force (switch) 3.0 Max. actuation force without cap 100 Key travel (switch) 1 n Life time (switch) >10 Temperature Range Working temperature Mir Storage temperature Mir Soldering IEC 68-2-20 Wa use So Environmental Endurance IEC-68-2-3 Temperature Temperature +4 Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Temperature limit Number of cycles 20 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	ON typ. ON typ. ON for 10 sec. nm 0.000.000 cycles n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines Idering iron - max. 350 O°C % RH Days n55°C - Max. +85°C min.		Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	sec.						
Standard actuation force (switch) 3.0 Max. actuation force without cap 100 Key travel (switch) 1 n Life time (switch) >1t Temperature Range Working temperature Mir Storage temperature Mir Soldering IEC 68-2-20 Wa Environmental Endurance IEC-68-2-3 So Environmental Endurance IEC-68-2-3 Temperature Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Temperature limit Number of cycles 200 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	ON for 10 sec. mm 0.000.000 cycles n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines Idering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.		Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	sec.						
Max. actuation force without cap 100 Key travel (switch) 1 n Life time (switch) >1t Temperature Range Working temperature Working temperature Mir Soldering IEC 68-2-20 Wa Environmental Endurance IEC-68-2-3 Emperature Temperature +4t Humidity 93° Duration 56 Temperature Cycling IEC 68-2-14 Emperature limit Number of cycles 200 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	ON for 10 sec. mm 0.000.000 cycles n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines Idering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.		Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	sec.						
Key travel (switch) 1 n Life time (switch) >1t Temperature Range Working temperature Working temperature Mir Soldering IEC 68-2-20 Wa so Environmental Endurance IEC-68-2-3 Temperature +4t Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Temperature limit Mir Number of cycles 20t Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IIP- Cleaning Sta	nm 0.000.000 cycles n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines idering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.		Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	sec.						
Life time (switch) >1 Temperature Range Working temperature Mirstorage temperature Soldering IEC 68-2-20 Was Soldering IEC 68-2-20 Was Soldering IEC 68-2-3 Temperature Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Temperature limit Mirstorage 200 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Statistics Mirstorage Mirstorage Statistics Mirstorage Statistics Mirstorage Statistics Mirstorage Statistics Mirstorage Mirstorage Statistics Mirstorage Mirstorage Statistics Mirstorage	0.000.000 cycles n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines Idering iron - max. 350 0°C % RH Days n55°C - Max. +85°C min.		Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	sec.						
Temperature Range Working temperature Mir Storage temperature Mir Soldering IEC 68-2-20 We uss So Environmental Endurance IEC-68-2-3 Temperature Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Mir Number of cycles 20 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IIP- Cleaning Sta	n40°C Max. +115°C n40°C Max. +115°C ave -max. 260°C for mage guidelines Idering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.		Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	sec.						
Working temperature Mir Storage temperature Mir Soldering IEC 68-2-20 Wa uss So Environmental Endurance IEC-68-2-3 Temperature Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Mir Temperature limit Mir Number of cycles 20 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	n40°C Max. +115°C ave -max. 260°C for ma age guidelines Idering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.		Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	sec.						
Storage temperature Mir Soldering IEC 68-2-20 Wa usa So Environmental Endurance IEC-68-2-3 Temperature Temperature +4! Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Mir Temperature limit Mir Number of cycles 20' Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	n40°C Max. +115°C ave -max. 260°C for ma age guidelines Idering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.		Min40°C Max. +160°C Infrared, vapour phase, wa - max. 260°C for max. 30	sec.						
Soldering IEC 68-2-20	ave -max. 260°C for mage guidelines Ildering iron - max. 350 0°C % RH Days n55°C - Max. +85°C min.		Infrared, vapour phase, wa - max. 260°C for max. 30	sec.						
Usa So	age guidelines Idering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.		- max. 260°C for max. 30	sec.						
So Environmental Endurance IEC-68-2-3 Temperature	ldering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.	°C for max. 3 sec. Flux tight.								
So Environmental Endurance IEC-68-2-3 Temperature	ldering iron - max. 350 0°C % RH Days n55°C - Max. +85°C 0 min.	°C for max. 3 sec. Flux tight.	Soldering iron - max. 350°	C for max. 3 sec. Flux tight						
Environmental Endurance IEC-68-2-3 Temperature +4 Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Temperature limit Mir Number of cycles 200 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	0°C % RH Days n55°C - Max. +85°C 0 min.		,							
Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Temperature limit Mir Number of cycles 20' Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	% RH Days n55°C - Max. +85°C 0 min.									
Humidity 93' Duration 56 Temperature Cycling IEC 68-2-14 Temperature limit Mir Number of cycles 20' Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	% RH Days n55°C - Max. +85°C 0 min.									
Duration 56 Temperature Cycling IEC 68-2-14 Temperature limit Mir Number of cycles 20 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	Days n55°C - Max. +85°C 0 min.									
Temperature Cycling IEC 68-2-14 Temperature limit Mir Number of cycles 20 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	n55°C - Max. +85°C 0 min.									
Temperature limit Mir Number of cycles 200 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning States	0 min.									
Number of cycles 200 Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	0 min.									
Exposure time at each temperature 10 Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta	min.									
Recovery time before measurements 16 Sealing IEC 529 IP- Cleaning Sta			10 min.							
Sealing IEC 529 IP- Cleaning Sta		16 hrs.								
Cleaning Sta	IP-67									
	andard methods such a	as freon and water								
Material Specifications - Switches	andara mounou ou o m	ao noon and water								
	BT UL94VO		PPS UL94VO							
•	BT UL94VO		PPS UL94VO							
	icone rubber		110020100							
	ainless steel	Stainless steel	Stainless steel	Stainless steel						
3	BuAq	+ 3µAq + 1µAu	+ 3µAq	+ 3µAq +1µAu						
	Cu + 2μNl + 3μAg	SnCu + 2μNl + 3μAg+1μAu	SnCu + 2µNI + 3µAg	SnCu + 2μNl + 3μAg +1μAι						
	Cu + 2µNl + 3µSnPb	SnCu + 2µNI + 3µSnPb	SnCu + 2µNl + 3µSnPb	SnCu + 2µNl + 3µSnPb						
Torringo	Ou + 2μινι + ομοιι Γυ	311Cu + 2µ1Vi + 3µ311Fb	SilCu + 2μiNi + 3μSilFb	31100 + 2 \(\mu \text{11} \) 1 + 3 \(\mu \text{511} \) 1 = 0						
Material Specifications - Caps & Bezels										
Material Pa	arts	Temp limit	UL rating							
ABS Standard St	tandard parts except	Max 65°C	UL94HB							
	e below mentioned	max oo o	020 11 12							
Polycarbonate Al	Il lenses	Max. 85°C	UL94V1							
LCP A	ctuator of 3E	Max. 160°C	UL94VO							
	S, 2S	Max. 160°C	UL94VO							
-	uator of Varimec . 1GA / 1		UL94VO							
- 9-	60 Class.: 1/ ASTM Cla		013470							

Specifications are subject to change without notice

Exisiting and New Part Nos. for Lead Free, RoHS compatible and Proces compatible mec products MULTIMEC

		Lead	RoHS	Proces	New Part No.	Lead	RoHS	Proces	
Part No.	Part Name	Free	Comp.	Comp.	Comments	Free	Comp.	Comp.	UL
3ASH9	Switch Surface Ag/High Temp	N	N	Υ	RA3ASH9	Υ	Υ	Υ	V0
3AXXXG	All 3A Switches with Au	N	N	Υ	RA3AXXXG	Y	Υ	Υ	V0
3AXXXQ	All 3A Quiet Switches	N	N	Υ	RA3AXXXQ	Υ	Υ	Υ	VO
3ASH9R	All 3A Switches delivered on Tape	N	N	Υ	RA3ASH9R	Υ	Υ	Υ	V0
3ATH9	Switch Th Ag/High Temp.	N	N	Υ	RA3ATH9	Υ	Υ	Υ	V0
3ATL6	Switch Th Ag/White But/Low Temp.	N	N	Υ	RA3ATL6	Υ	Υ	Υ	V0
3ATL6 w/LED	Switch Th Ag/Low Temp w/LED	N	N	Υ	RA3ATL6 w/LED	Υ	Υ	Υ	V0
3CSH9	Switch Surface Ag/High Temp.	N	N	Υ	RA3CSH9	Y	Υ	Υ	V0
3CXXXG	All 3C Switches with Au	N	N	Υ	RA3CXXXG	Υ	Υ	Υ	V0
3CXXXQ	All 3C Quiet Switches	N	N	Υ	RA3CXXXQ	Υ	Υ	Υ	V0
3CSH9R	All 3C Switches delivered on Tape	N	N	Υ	RA3CSH9R	Υ	Υ	Υ	V0
3CTH9	Switch Th Ag/High Temp	N	N	Υ	RA3CTH9	Υ	Υ	Υ	V0
3CTL6	Switch Th/White But/Low Temp	N	N	Υ	RA3CTL6	Υ	Υ	Υ	V0
3CTL6-2SL	Switch Low Temp. 2 Straight Legs	N	N	Υ	RA3CTL6-2SL	Υ	Υ	Υ	V0
3CTL6RAS	Right Angle Switch Low Temp.	N	N	Υ	RA3CTL6RAS	Υ	Υ	Υ	V0
3CTL9	Switch Th Ag/Black But/Low Temp	N	N	Υ	RA3CTL9	Υ	Υ	Υ	V0
3ESH9	Switch Surface Ag High Temp.	N	N	Υ	RA3ESH9	Υ	Υ	Υ	V0
3ESH9-XX.X	Switch Ag/High Temp./w Actuator	N	N	Υ	RA3ESH9-XX.X	Υ	Υ	Υ	V0
3EXXXG	All 3E Switches with Au	N	N	Υ	RA3EXXXG	Y	Υ	Υ	V0
3EXXXQ	All 3E Quiet Switches	N	N	Υ	RA3EXXXQ	Υ	Υ	Υ	V0
3ESH9R	All 3E Switches delivered on Tape	N	N	Υ	RA3ESH9R	Υ	Υ	Υ	V0
3ETH9	Switch Th Ag High Temp.	N	N	Υ	RA3ETH9	Υ	Υ	Υ	V0

041213

					1				
3ETH9-XX.X	Switch Th Ag/High Temp. w/Actuator	N	N	Υ	RA3ETH9-XX.X	Υ	Υ	Υ	V0
3ETL9	Switch Th Ag/Low Temp.	N	N	Υ	RA3ETL9	Υ	Υ	Y	V0
3ETL9-XX.X	Switch Th Ag/Low Temp. w/Actuator	N	N	Υ	RA3ETL9-XX.X	Υ	Υ	Υ	V0
3FSH9	Switch Surface Ag/High Temp.	N	N	Υ	RA3FSH9	Υ	Υ	Υ	V0
3FXXXG	All 3F Switches with Au	N	N	Υ	RA3FXXXG	Υ	Υ	Υ	V0
3FXXXQ	All 3F Quiet Switches	N	N	Υ	RA3FXXXQ	Υ	Υ	Υ	V0
3FSH9R	All 3F Switches delivered on Tape	N	N	Υ	RA3FSH9R	Υ	Υ	Υ	V0
3FTH9	Switch Th Ag/High Temp.	N	N	Υ	RA3FTH9	Υ	Υ	Υ	V0
3FTH9 w/LED	Switch Th High Temp w/ LED	N	N	Υ	RA3FTH9 w/LED	Υ	Υ	Υ	V0
3FTL6	Switch Th Ag/Low Temp.	N	N	Υ	RA3FTL6	Υ	Υ	Υ	V0
3FTL6 w/LED	Switch Th Ag/Low Temp w/LED	N	N	Υ	RA3FTL6 w/LED	Υ	Υ	Υ	V0
3FTL6-2SL	Switch Low Temp. 2 Straight Legs	N	N	Υ	RA3FTL6-2SL	Υ	Υ	Υ	V0
3FTL6RAS	Right Angle Switch Low Temp.	N	N	Υ	RA3FTL6RAS	Υ	Υ	Υ	V0
1CXXXX	Leds for 1C or 1H Button	N	N	N	RA1CXXXX	Υ	Υ	Υ	
2BXXXX	Leds for 2B Bezel	N	N	N	RA2BXXXX	Υ	Υ	Υ	
3FXXXXX	Leds Bent for 3F	N	N	N	RA3FXXXXX	Υ	Υ	Υ	
1AXX	DI Buttons all colours for 3A	Υ	Υ	N	No change, pls see note 1				НВ
1BXX	DI Buttons f. Bezels all colours	Υ	Υ	N	No change, pls see note 1				НВ
1CXXX	DI Buttons w/Lens all colours	Υ	Υ	N	No change, pls see no	ote 1			НВ
1DXX	Lk Buttons all colours	Υ	Υ	N	No change, pls see no	ote 1			НВ
1EXXX	Lk Buttons w/Lens all colours	Υ	Υ	N	No change, pls see note 1				НВ
1FXXX	Lk Buttons w/Lens all colours	Υ	Υ	N	No change, pls see note 1				НВ
1GA09	Cap black 11	Υ	Υ	Υ	No change				V0
1GC09	Cap black 15	Υ	Υ	Υ	No change				V0
1HXXX	DI Buttons w/Lens all colours	Υ	Υ	N	No change, pls see no	ote 1			НВ
1KXX	Lk Lid all colours	Υ	Υ	N	No change, pls see no	ote 1			НВ
1KXX16	Lid all colours/Lens/Reflector	Υ	Υ	N	No change, pls see note 1				НВ

1KXX1	Lens Milky White For 1K Button	Υ	Υ	N	No change, pls see note 1	НВ
1KXXX6	Reflector For 1K Button White	Υ	Υ	N	No change, pls see note 1	НВ
1MXX	DI Button Double Width all colours	Υ	Υ	N	No change, pls see note 1	НВ
1NXX	Teardrop Buttons all colours	Y	Υ	N	No change, pls see note 1	НВ
1PXX	Gf Buttons all colours	Υ	Υ	N	No change, pls see note 1	НВ
1QXXX	1P But. W/Square Hole, all colours	Υ	Υ	N	No change, pls see note 1	НВ
1RXXX	1P Button w/Round Hole, all colours	Υ	Υ	N	No change, pls see note 1	НВ
1S09-XX.X	Lk Button Black, all heights	Υ	Υ	Υ	No change	V0
1S11-XX.X	Lk Button Transparent, all heights	Υ	Υ	N	No change, pls see note 2	V1
1TXX	Sq. Button, all colours	Υ	Υ	N	No change, pls see note 1	НВ
1UXX	Round Button, all colours	Υ	Υ	N	No change, pls see note 1	НВ
1VXX	Arrow Button, all colours	Υ	Υ	N	No change, pls see note 1	НВ
1X XX	Rectangular Button, all colours	Υ	Υ	N	No change, pls see note 1	НВ
1ZAXX	DL Button, all colours	Υ	Υ	N	No change, pls see note 1	НВ
1ZBXX	Curved Button, all colours	Υ	Υ	N	No change, pls see note 1	НВ
1ZCXX	Round Button, all colours	Υ	Υ	N	No change, pls see note 1	НВ
3E-XX.X	Actuator f. 3E Switch, all heights	Υ	Υ	Υ	No change	V0
3E-AXXXX	Varimec cap 5.2 Round, all heights	Y	Υ	Υ	No change	V0
3E-BXXXX	Varimec cap 5.2 Square, all heights	Υ	Υ	Υ	No change	V0
3E-EXXXX	Varimec cap 7.8 Round, all heights	Υ	Υ	Υ	No change	V0
3E-FXXXX	Varimec cap 7.8 Square, all heights	Υ	Υ	Υ	No change	V0
3E-KXXXX	Varimec cap 11.6 Round, all heights	Υ	Υ	Υ	No change	V0
3E-LXXXX	Varimec cap 11.6 Square, all heights	Υ	Υ	Υ	No change	V0
AQB01XX	Sealing Boot (incl. Sea.ring)	Υ	Υ	Υ	No change	
AQB0111	Sealing Boot Trans. (incl. Sea.ring)	Υ	Υ	Υ	No change	
AQC09-XX.X	Cap Black, all overall heights	Υ	Υ	Υ	No change	V0
AQC11-XX.X	Cap Trans. all overall heights	Υ	Υ	N	No change, pls see note 2	V1

041213 3/4

AQN-X.X	Bushing, all heights	Υ	Υ	Υ	No change	
1CXXX	Lens f. 1C/1H/1Q Buttons, all colours	Υ	Υ	N	No change, pls see note 2	V1
1EXXX	Lens f. 1E Buttons, all colours	Υ	Y	N	No change, pls see note 2	V1
1FXXX	Lens f. 1F Buttons, all colours	Υ	Y	N	No change, pls see note 2	V1
1RXX1	Round Transparent Lens For 1R	Υ	Υ	N	No change, pls see note 2	V1
2AXX	DI Bezel, all colours	Υ	Υ	N	No change, pls see note 1	НВ
2BXXX	Bezel/Lens, all colours	Υ	Υ	N	No change, pls see note 1	НВ
2BXXX	Lens f. 2B Bezel, all colours	Y	Y	N	No change, pls see note 2	V1
2KXX	Lk Bezel f. 1K, all colours	Υ	Υ	N	No change, pls see note 1	НВ
2RAS	Right Angle Support.	Υ	Υ	Υ	No change	
2S09-XX.X	Extender, Black Pps, all heights	Υ	Υ	Υ	No change	V0
1A09XDXXX	Button 1A Down/all legends	Υ	Υ	N	No change, pls see note 1	НВ
1A09XUXXX	Button 1A Up/all legends	Y	Y	N	No change, pls see note 1	НВ
1B09XDXXX	Button 1b Down/0	Υ	Υ	N	No change, pls see note 1	НВ
1B09XUXXX	Button 1B Up/all legends	Υ	Υ	N	No change, pls see note 1	НВ
1D09XXX	Round Button/all legends	Υ	Υ	N	No change, pls see note 1	НВ
1F096XXX	1F Button/Inverse legends	Υ	Υ	N	No change, pls see note 1	НВ
1ZB09XDXXX	Button1ZB09 Down / all legends	Υ	Υ	N	No change, pls see note 1	НВ
1ZC09XXX	Button 1ZC09 / all legends	Υ	Υ	N	No change, pls see note 1	НВ

Note 1: Complies with RoHS, however plastic material limited to 65°C.

Accessories must be mounted after soldering.

Note 2: Complies with RoHS, however plastic material is limited to 85°C, so excessive proces heat must be avoided.

041213

041213 4/4