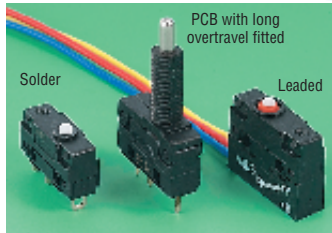


Microswitches — continued

Panel Mount Actuator 5A @ 250V ac

Burgess

New



Microswitch: H = 10.2 (unsealed), 16.05 (sealed), W = 6.45, D = 20 Fixing centres = 9.53
Long over travel kit H = 23.95 (from fixing centres) Thread = M6 fine

- Pushbutton actuator system based on the popular V4 microswitch
- Long over travel kit has a spring loaded, stainless steel plunger that converts the assembly into a miniature limit switch and simply clips to the microswitch body
- Ideal for machine applications such as end of travel detection
- 5mm over travel allows use in high tolerance applications
- Single round hole fixing
- Simple assembly

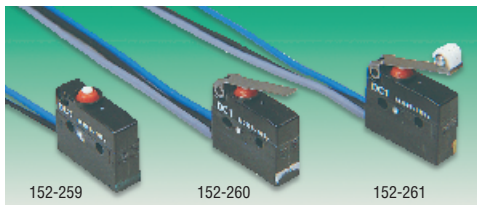
Contacts	SPCO
Contact rating	5A @ 240V ac
Mechanical life	10,000,000 ops
Operating temperature	-40°C to +85°C

SW384

	Mftrs. List No.	Order Code	1+	25+	50+	100+
Microswitches - Unsealed						
Solder	V4NT7	.318-9612				
PCB	V4NT8	.318-9624				
Microswitches - Sealed						
Solder	V4NST7	.318-9636				
PCB	V4NST8	.318-9648				
Leaded	V4NS	.318-9650				
Long over travel kit	QA4	.318-9661				

Subminiature 'V4' Style, IP67 Sealed 6A @ 250V ac

CHERRY



Body H = 15.85, W = 6.5, D = 19.9, Fixing centres = 9.5

- Polyester housing to **UL94V-0** and sealed to **IP67**
- SPDT silver contacts
- Pre-wired with 500mm long 0.75mm² PVC leads
- Colour code : N.O. = Blue, N.C. = Grey, Common = Black

Mechanical life	2,000,000 ops	Operating temperature	-40°C to +120°C
Electrical life	50,000 ops		

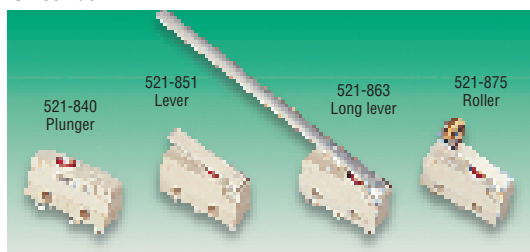
Order codes	152-259	152-260	152-261
Operating force, max	200g	70cN	80cN
Release force, min	60cN	—	—
Pre-travel, max	1.0	5.0	5.0
Differential travel	0.1	0.6	0.6

SW182

	Mftrs. List No.	Order Code	1+	25+	50+	100+
Plunger	DC1C-C3AA	.152-259				
Lever	UDC1C-C3LC	.152-260				
Roller lever	UDC1C-C3RC	.152-261				

Subminiature 'V4' Style – IP67 Sealed and Unsealed 5 (1) A @ 250V ac

ITW Switches



- SPDT silver contacts
- Nylon 64 housing to **UL94V-0**

Mechanical life	10,000,000 ops
Electrical life	100,000 ops

- Fully sealed version to **IP67**
- Approved to **VDE** and **BEAB**

Operating temperature	-40°C to +125°C
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	Plunger	Lever	Long lever	Roller lever
Operating force (Max.)	2.0N	0.6N	0.17N	0.7N
Release force (Min.)	0.27N	0.08N	0.02N	0.09N
Pre-travel (Max.)	1.2mm	4.1mm	21.0mm	3.45mm
Differential travel (Max.)	0.2mm	0.7mm	6.35mm	0.35mm
Actuator length	—	18mm	63mm	15mm
Unsealed Switches				
Operating force (Max.)	1.5N	0.45N	0.15N	0.51N
Release force (Min.)	0.27N	0.08N	0.02N	0.09N
Pre-travel (Max.)	1.2mm	4.1mm	21.0mm	3.45mm
Differential travel (Max.)	0.2mm	0.7mm	6.35mm	0.35mm
Actuator length	—	18mm	63mm	15mm

SW211

IP67 Sealed Switches

Price Each

Solder Type	Mftrs. List No.	Order Code	1+	50+	100+	250+
Plunger	19N402	.521-840				
Lever	19N402L18	.521-851				
Long lever	19N402L63	.521-863				
Roller lever	19N402R15	.521-875				

PCB Type

Plunger	19N502	.521-887
Lever	19N502L18	.521-899
Long lever	19N502L63	.521-905
Roller lever	19N502R15	.521-917

Unsealed Switches

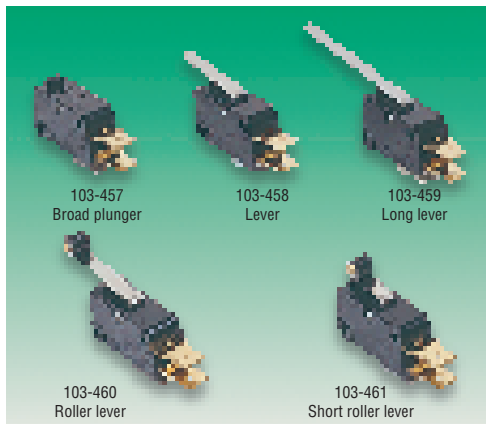
Solder Type	Mftrs. List No.	Order Code
Plunger	19N403	624-664
Lever	19N403L18	624-676
Long lever	19N403L63	624-688
Roller lever	19N403R15	624-690

PCB Type

Plunger	19N503	624-706
Lever	19N503L18	624-718
Long lever	19N503L63	624-720
Roller lever	19N503R15	624-731

Miniature 'V3' Style — V Series 15A @ 240V ac

OMRON



Body: H = 15.9, W = 10.3, D = 27.9,
Fixing centres = 22.2 10.3, Quick-connect terminals = 6.35 0.8

- Body fixing centres conform to international standards
- Switches with integral or separate actuator available

Best value

Contacts	SPDT				
Mechanical life	500,000 ops	Electrical life	25,000 ops	Operating temperature	-25°C to +80°C
Order Code	103-457	103-458	103-459	103-460	103-461
Operating force, max	200g	125g	70g	125g	240g
Return force, min	50g	14g	6g	14g	50g
Pre-travel, max	1.6mm	4mm	9mm	4mm	1.6mm
Overtravel, min	0.8mm	1.6mm	3.2mm	1.6mm	0.8mm
Movement diff, max	0.6mm	1.5mm	2.8mm	1.5mm	0.6mm
Actuator length			103-463	20.6mm	

FOR MICROSWITCH PUSH BUTTON ASSEMBLIES SEE **PAGE 1497**

SW98

Switches	Mftrs. List No.	Order Code	1+	50+	100+
Broad plunger	V15-1C5	103-457			
Lever	V152-1C5	103-458			
Long lever	V153-1C5	103-459			
Roller lever	V156-1C5	103-460			
Short roller lever	V155-1C5	103-461			
Actuators					
Roller leaf spring	VAL2	103-463			