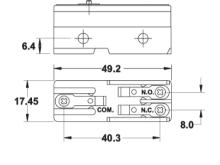
FEATURES:

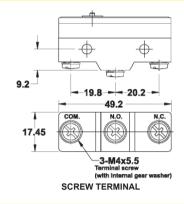
IDEM's range of Micro Switches provide the following features:

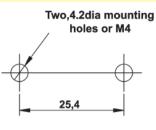
- A high precision basic micro switch available in a wide variety of styles.
- Available with a choice of actuator types: Solder Actuator or Screw Actuator.
- Wide margins of operating conditions increase the operating speed range.

TERMINALS:



SOLDER TERMINAL





MOUNTING HOLES

PRODUCT SELECTION (via Part Number):

SOLDER ACTUATOR TYPES:

Part Number	
176001	Pin Plunger
176002	Short Lever
176003	Roller Lever
176004	Slim Spring Plunger
176005	Short Spring Plunger
176006	Panel Mount Plunger
176007	Panel Mount Roller Plunger
176008	Panel Mount Cross Roller Plunger
176009	Long Hinge Lever
176010	Short Hinge Lever
176011	Long Hinge Roller Lever
176012	Short Hinge Roller Lever
176013	Uni-Directional Short Hinge Roller Lever
176014	IP67 Short Spring Plunger
176000	Terminal Enclosure

SCREW ACTUATOR TYPES:

Part Number	
176101	Pin Plunger
176102	Short Lever
176103	Roller Lever
176104	Slim Spring Plunger
176105	Short Spring Plunger
176106	Panel Mount Plunger
176107	Panel Mount Roller Plunger
176108	Panel Mount Cross Roller Plunger
176109	Long Hinge Lever
176110	Short Hinge Lever
176111	Long Hinge Roller Lever
176112	Short Hinge Roller Lever
171113	Uni-Directional Short Hinge Roller Lever
176114	IP67 Short Spring Plunger
176000	Terminal Enclosure

SPECIFICATIONS:

Standard: 20(4)A 250VAC EN61058-1

Rating:

Contact Resistance:	
Insulation Resistance:	
Dielectric Strength:	
Electrical Life:	
Mechanical Life:	

15A 125VAC or 250VAC UL61058-1

1/2A 125VDC 1/4A 250VDC 1/8HP 125VAC 1/4HP 250VAC 15m Ohms max. (initial) 100m Ohms min. (at 500VDC) Between terminals of same polarity AC 100V (50/60Hz for 1 minute) 100.000 operations 1,000,000 operations (minimum)



Pin Plunger



Short Spring Plunger



Long Hinge Lever







Short Hinge Lever



Short Spring Plunger (with dust protection

Roller Lever



Panel Mount Roller Plunger



Long Hinge Roller Lever



TERMINAL ENCLOSURE



Slim Spring Plunger



Panel Mount Cross Roller Plunger



Short Hinge Roller Lever

250



MICRO SWITCHES (PLEASE NOTE THESE ARE NOT CLASSED AS SAFETY SWITCHES)

MICRO SWITCH - PIN PLUNGER:



OPERATION CHA	RACTERIST
Operating Force:	250-350gr
Release Force (min):	114gr
Pre-Travel (max):	0.4mm
Over-Travel (min):	0.13mm
MD (max):	0.05mm
Operating Position:	15.9 ± 0.4mm

SOLDER TERMINAL

176001

Operating Force (max):

Release Force (min):

Pre-Travel (max):

Over-Travel (min):

Operating Position:

MD (max):

FP (max):

OPERATION CHARACTERISTICS:

141gr

14gr

4mm

1.6mm

1.3mm

20.6mm

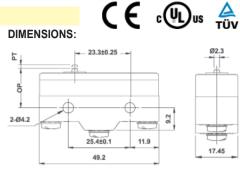


SCREW TERMINAL

176101

SCREW TERMINAL

176103



DIMENSIONS:	
49.6+0.8 t=0.3 t=0.3	4.8
2.04.2	17.45

SALES NUMBERS	
SOLDER TERMINAL	SCREW TERMINAL
176002	176102

17.4 ± 0.8mm

SALES NUMBERS

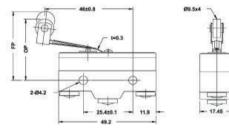
MICRO SWITCH - ROLLER LEVER:

MICRO SWITCH - SHORT LEVER:



OPERATION CHA Operating Force (max): Release Force (min): Pre-Travel (max): Over-Travel (min): MD (max): FP (max): Operating Position:	141gr 14gr 4mm 1.6mm 1.3mm 31.8mm
Operating Position:	28.6 ± 0.8mm
SA	LES NUMBERS

DIMENSIONS:



49.2



MICRO SWITCH - SLIM SPRING PLUNGER:



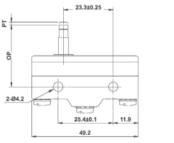
OPERATION CHAI	RACTERISTICS:
Operating Force (max):	250-350gr
Release Force (min):	114gr

Release Fuice (IIIIII).	i i 4 yi
Pre-Travel (max):	0.4mm
Over-Travel (min):	1.6mm
MD (max):	0.5mm
Operating Position:	28.2 ± 0.5mm

SOLDER TERMINAL

176003





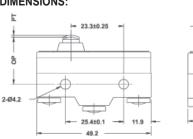
1

17.45

SALES N	UNIDERS
SOLDER TERMINAL	SCREW TERMINAL
176004	176104

0.4mm 1.6mm 0.05mm

21.5 ± 0.5mm



 •••••••••••••••••••••••••••••••••••••••	
OPERATION CHA	ARACTERISTICS:
Operating Force:	250-350gr
Release Force (min):	114gr

opolating i olool
Release Force (min):
Pre-Travel (max):
Over-Travel (min):
MD (max):
Operating Position:

SOLDER TERMINAL

176005

DIMENSIONS:	



251	

Pre Ove MD

MICRO SWITCH - SHORT SPRING PLUNGER:

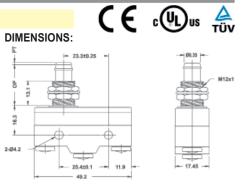
MICRO SWITCHES (PLEASE NOTE THESE ARE NOT CLASSED AS SAFETY SWITCHES)

MICRO SWITCH - PANEL MOUNT PLUNGER:



OPERATION CHARACTERISTICS:		
Operating Force:	250-350gr	
Release Force (min):	114gr	
Pre-Travel (max):	0.4mm	
Over-Travel (min):	5.5mm	
MD (max):	0.05mm	
Operating Position:	21.8 ± 0.8mm	

SALES NUMBERS		
SOLDER TERMINAL	SCREW TERMINAL	
176006	176106	

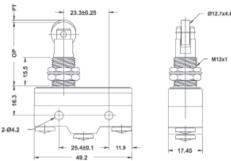


MICRO SWITCH - PANEL MOUNT ROLLER PLUNGER:



OPERATION CHARACTERISTICS:		
Operating Force:	250-350gr	
Release Force (min):	114gr	
Pre-Travel (max):	0.4mm	
Over-Travel (min):	3.58mm	
MD (max):	0.05mm	
Operating Position:	33.4 ± 1.2mm	

DIMENSIONS:



MICRO SWITCH - PANEL MOUNT CROSS ROLLER PLUNGER:

OPERATION CHARACTERISTICS:

SOLDER TERMINAL

176007

Operating Force:
Release Force (min):
Pre-Travel (max):
Over-Travel (min):
MD (max):
Operating Position:

:	250-350gr
min):	114gr
):	0.4mm
ר):	3.58mm
	0.05mm
on:	33.4 ± 1.2mm

SALES NUMBERS

SALES NUMBERS

SALES NUMBERS

SCREW TERMINAL

176107

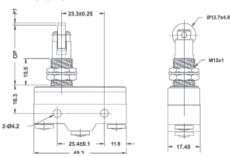
SCREW TERMINAL

176108

SCREW TERMINAL

176109

DIMENSIONS:



MICRO SWITC	CH - LONG	HINGE LE	VER
-------------	-----------	----------	-----

OPERATION CHARACTERISTICS:

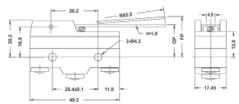
	Op
	Op Re
	Pre
	Ov
0	ME
CE CE	FP
20(4)A 250V- 14	Ор

perating Force (max):	70gr
Release Force (min):	14gr
Pre-Travel (max):	10mm
Ver-Travel (min):	5.6mm
ID (max):	1.27mm
P (max):	28.2mm
perating Position:	19 ± 0.8mm

SOLDER TERMINAL

176008

DIMENSIONS:



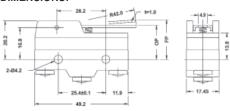
MICRO SWITCH - SHORT HINGE LEVER:

OPERATION CHARACTERISTICS:		
Operating Force (max):	90gr	
Release Force (min):	18gr	
Pre-Travel (max):	7mm	
Over-Travel (min):	3.5mm	
MD (max):	1mm	
FP (max):	26.2mm	
Operating Position:	19.8 ± 0.8mm	

SOLDER TERMINAL

176009

DIMENSIONS:



SALES NUMBERS		
SOLDER TERMINAL	SCREW TERMINAL	
176010	176110	

SECTION 27

252

MICRO SWITCHES (PLEASE NOTE THESE ARE NOT CLASSED AS SAFETY SWITCHES)

SALES NUMBERS

SCREW TERMINAL

176111

RMINAL

176112

SCREW TERMINAL

176113

SCREW TERMINAL

176114

MICRO SWITCH - LONG HINGE ROLLER LEVER:

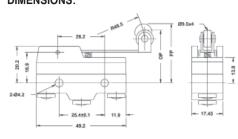


OPERATION CHARACTERISTICS:		
Operating Force (max):	100gr	
Release Force (min):	22gr	
Pre-Travel (max):	7.1mm	
Over-Travel (min):	4mm	
MD (max):	1.02mm	
FP (max):	36.5mm	
Operating Position:	30.2 ± 0.8mm	

SOLDER TERMINAL

176011



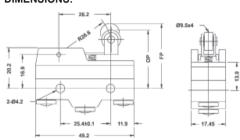


MICRO SWITCH - SHORT HINGE ROLLER LEVER:



OPERATION CHA	RACTE	RISTICS:
Operating Force (max):	160gr	
Release Force (min):	42gr	
Pre-Travel (max):	2.7mm	
Over-Travel (min):	2.4mm	
MD (max):	0.5mm	
FP (max):	32.5mm	
Operating Position:	30.2 ± 0	.4mm
SALES NUMBERS		
SOLDER TERMIN	AL	SCREW TE

DIMENSIONS:



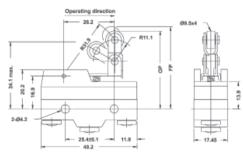
MICRO SWITCH - UNI-DIRECTIONAL SHORT HINGE ROLLER LEVER:

176012



OPERATION CHARACTERISTICS: Operating Force (max): 170gr Release Force (min): 42gr Pre-Travel (max): 2.7mm Over-Travel (min): 2.4mm MD (max): 0.51mm FP (max): 43.6mm Operating Position: 41.3 ± 0.8mm

DIMENSIONS:



MICRO SWITCH - SHORT SPRING PLUNGER (with dust protection IP60):

SOLDER TERMINAL

176013

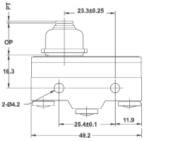


OPERATION CHARACTERISTICS: Operating Force (max): 540gr

SALES NUMBERS

Operating Force (max):	540gr
Release Force (min):	114gr
Pre-Travel (max):	2.3mm
Over-Travel (min):	1.6mm
MD (max):	0.06mm
Operating Position:	28.2 ± 0.5mm

DIMENSIONS:



08.35

MICRO SWITCH - TERMINAL ENCLOSURE:

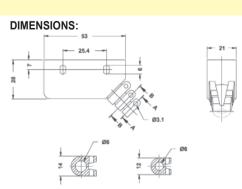
CHARACTERISTICS:

SOLDER TERMINAL

176014

Designed to carry and protect all varieties of IDEM Micro Switches

SALES NUMBERS



SECTION 27

TERMINAL ENCLOSURE FOR ALL TYPES

176000