bulgin™
an INFINITE company

Fuse Holders

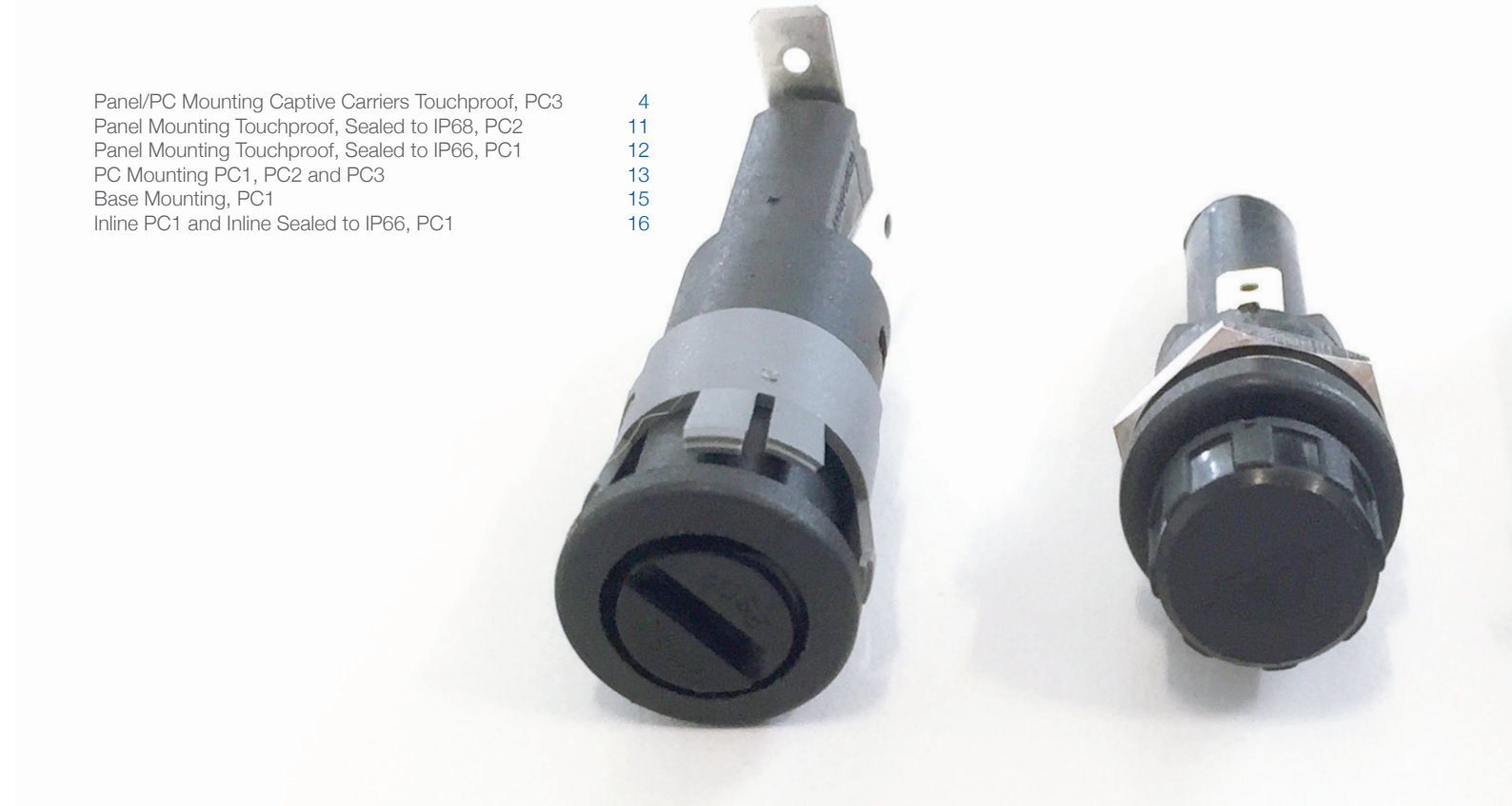
Product Catalogue

Bulgin's extensive range of fuse holders are designed to give the degree of protection demanded in today's sophisticated electronic equipment. Carrying world-wide safety approvals from UL, VDE, CSA and IMQ, all types are manufactured from high grade flame retardant nylon and polyester materials.

Designed primarily for 5 x 20mm and 6.3 x 32mm size fuses with protection against shock to categories PC1, PC2 and PC3. There's a choice of styles for Inline, PCB mounting and panel mounting (screw or snap fit) with terminal options for solder, 2.8mm, 4.8mm or 6.3mm tabs or PC spills.Dust and waterproof designs provide a front of panel seal to IP68 in both 5 x 20mm and 6.3 x 32mm size fuses.

Fuse carrier styles include captive drawer, screw cap - with screw driver release, bayonet cap - with screw driver release and screw cap - with finger release.

Panel/PC Mounting Captive Carriers Touchproof, PC3 4
Panel Mounting Touchproof, Sealed to IP68, PC2 11
Panel Mounting Touchproof, Sealed to IP66, PC1 12
PC Mounting PC1, PC2 and PC3 13
Base Mounting, PC1 15
Inline PC1 and Inline Sealed to IP66, PC1 16



Protection Category

Category PC1:

No integral protection against electric shock. If required, Designers/ Manufacturers must provide additional protection against electric shock on equipment.

Category PC2:

With integral protection against electric shock. Fuseholders shall have live parts inaccessible to IEC 60529 Standard Test Finger, when fully assembled, without fuse carrier or fuse in place and when fuse carrier, with fuse is being inserted or withdrawn.

Category PC3:

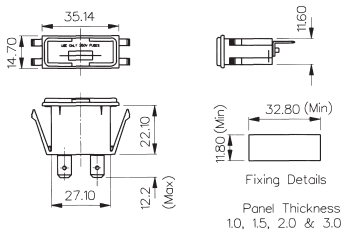
With integral protection against electric shock. Fuseholders shall have live parts inaccessible to IEC 60529 1mm dia. rigid test wire when fully assembled, without fuse carrier or fuse in place and when fuse carrier, with fuse, is being inserted or withdrawn.

Panel/PC Mounting Captive Carriers Touchproof, PC3

Snap Fit to Panel

FX0430/63

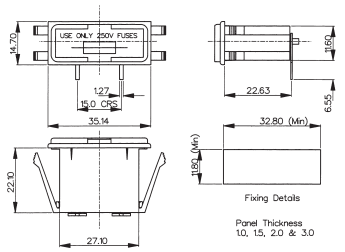
- Protection Category PC3
- Fuse Size 5 x 20mm
- Panel Thickness 1.0, 1.5, 2.0 & 3.0mm
- Captive Drawer
- 10A, 250V (16A, 250V UL)
- 2.8, 4.8 or 6.3 tabs



Snap Fit to Panel

FX0430/PC

- Protection Category PC3
- Fuse Size 5 x 20mm
- Panel Thickness 1.0, 1.5, 2.0 & 3.0mm
- Captive Drawer
- 10A, 250V (16A, 250V UL)
- PC spills



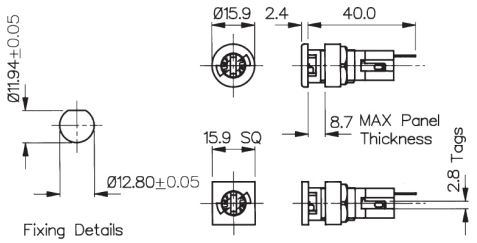
Specifications	FX0430/Termination	FX0430/PC
Fuse Size:	5 x 20mm	5 x 20mm
Fuse Carrier:	Captive Drawer	Captive Drawer
Terminations:	/28 (2.8mm solder), /48 (4.8mm tab), /63 (6.3mm tab)	/PC (PC spills)
Max. Rating:	10A, 250V (16A, 250V AC UL)	10A, 250V (16A, 250V AC UL)
Max. Power Dissipation:	2.5W (@ 23°C)	2.5W (@ 23°C)
Insulation Resistance:	>10MΩ @ 500V DC	>10MΩ @ 500V DC
AC Breakdown:	>2kV	>2kV
Contact Resistance:	<10mΩ	<10mΩ
Operating Temp:	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)
Mouldings: Body/Drawer: Cap: Nut:	Nylon UL94V-0 rated	Nylon UL94V-0 rated
Contacts:	Contact tags: Brass, Tin Plated Fuse Clips: Phosphor Bronze, Nickel Plated	Contact tags: Brass, Tin Plated Fuse Clips: Phosphor Bronze, Nickel Plated
Approvals:		
Accessories:		
Note:		
RoHS	Compliant	Compliant

Panel Mounting and Snap Fit Touchproof, PC2

Panel Mount

FX0357 FX0359

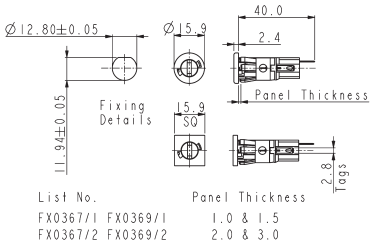
- Protection Category PC2
- Fuse Size 5 x 20mm
- Bayonet Cap/Screwdriver Release
- 10A, 250V (16A, 250V UL)



Snap Fit to Panel

FX0367 FX0369

- Protection Category PC2
- Fuse Size 5 x 20mm
- Panel Thickness 1.0 & 1.5 and 2.0 & 3.0mm
- Bayonet Cap/Screwdriver Release
- 10A, 250V (16A, 250V UL)



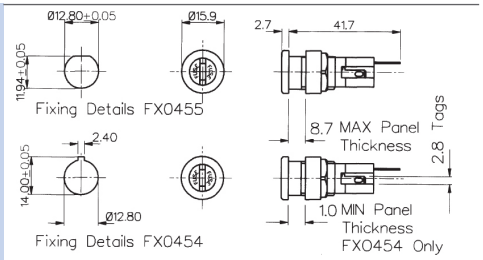
Specifications	FX0357, FX0359	FX0367/Panel, FX0369/Panel
Fuse Size:	5 x 20mm	5 x 20mm
Panel Thickness:		/1 (1.0-1.5mm panel, black sleeve) /2 (2.0-3.0mm panel, grey sleeve)
Fuse Carrier:	Bayonet cap/Screwdriver release	Bayonet cap/Screwdriver release
Terminations:	Solder tags	Solder tags
Max. Rating:	10A, 250V (16A, 250V AC UL)	10A, 250V (16A, 250V AC UL)
Max. Power Dissipation:	2.5W (@ 23°C)	2.5W (@ 23°C)
Insulation Resistance:	>10²MΩ @ 500V DC	>10²MΩ @ 500V DC
AC Breakdown:	7kV @ 50Hz	7kV @ 50Hz
Contact Resistance:	<10mΩ	<10mΩ
Operating Temp:	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)
Mouldings: Body: Cap: Nut:	 Polyester UL94V-0 rated Nylon UL94V-0 rated Glass Filled Nylon UL94V-0 rated	 Polyester UL94V-0 rated Nylon UL94V-0 rated
Contacts:	Brass, Silver Plated	Brass, Silver Plated
Approvals:		
Accessories:	P.No. 11327 (See page 17)	P.No. 11327 (See page 17)
RoHS	Compliant	Compliant

Panel Mounting and Snap Fit Touchproof, PC2

Panel Mount

FX0454, FX0455

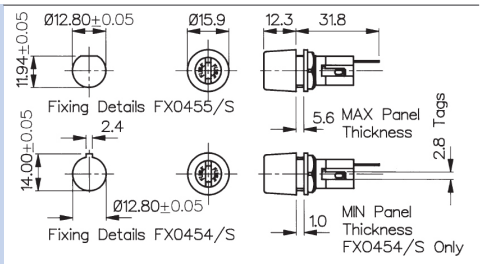
- Protection Category PC2
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- Keyway Panel Cutout (FX0454)
- D Panel Cutout (FX0455)
- 10A, 250V (16A, 250V UL)



Panel Mount

FX0454/S, FX0455/S

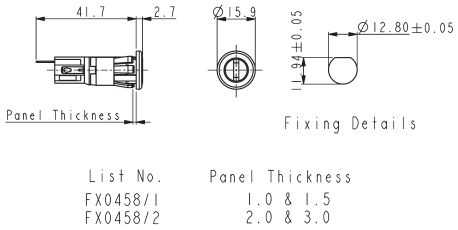
- Protection Category PC2
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- High Profile Bezel
- Keyway Panel Cutout (FX0454/S)
- D Panel Cutout (FX0455/S)
- 10A, 250V (16A, 250V UL)



Snap Fit to Panel

FX0458

- Protection Category PC2
- Fuse Size 5 x 20mm
- Panel Sizes 1.0 & 1.5 and 2.0 & 3.0mm
- Screw Cap/Screwdriver Release
- 10A, 250V (16A, 250V UL)



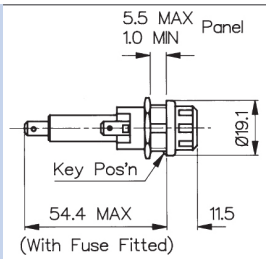
Specifications	FX0454, FX0455	FX0454/S, FX0455/S	FX0458
Fuse Size:	5 x 20mm	5 x 20mm	5 x 20mm
Panel Size:			/1 (1.0-1.5mm panel, black sleeve) /2 (2.0-3.0mm panel, grey sleeve)
Fuse Carrier:	Screw cap/Screwdriver release	Screw cap/Screwdriver release	Screw cap/Screwdriver release
Terminations:	Solder tags	Solder tags	Solder tags
Max. Rating:	10A, 250V (16A, 250V a.c. UL)	10A, 250V (16A, 250V AC UL)	10A, 250V (16A, 250V AC UL)
Max. Power Dissipation:	2.5W (@ 23°C)	2.5W (@ 23°C)	2.5W (@ 23°C)
Insulation Resistance:	>10²MΩ @ 500V d.c.	>10²MΩ @ 500V DC	>10²MΩ @ 500V DC
A.C. Breakdown:	7kV @ 50Hz	7kV @ 50Hz	7kV @ 50Hz
Contact Resistance:	<10mΩ	<10mΩ	<10mΩ
Operating Temp:	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)
Mouldings: Body: Cap: Nut:	 Polyester UL94V-0 rated Nylon UL94V-0 rated Glass Filled Nylon UL94V-0 rated	 Polyester UL94V-0 rated Nylon UL94V-0 rated Glass Filled Nylon UL94V-0 rated	 Polyester UL94V-0 rated Nylon UL94V-0 rated
Contacts:	Brass, Silver Plated	Brass, Silver Plated	Brass, Silver Plated
Approvals:			
Accessories:	P.Nos. 11327, 12297 & 12298 (See page 17)	P.Nos. 11327, 12297 & 12298 (See page 17)	P.Nos. 11327 (See page 17)
RoHS	Compliant	Compliant	Compliant

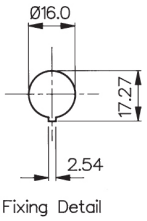
Panel Mounting Touchproof, PC2

Panel Mount

FX0415, FX0416

- Protection Category PC2
- Fuse Sizes:
  6.3 x 32mm (FX0415)
  6.3 x 25mm (FX0416)
- Screw Cap/Hand Release
- 13A, 250V (16A, 250V UL)

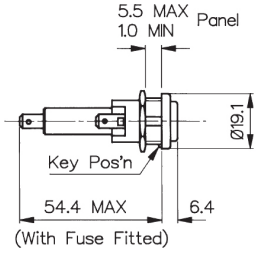


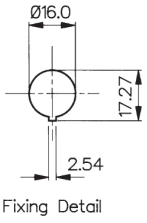


Panel Mount

FX0415/S, FX0416/S

- Protection Category PC2
- Fuse Sizes:
  6.3 x 32mm (FX0415/S)
  6.3 x 25mm (FX0416/S)
- Screw Cap/Screwdriver Release
- 13A, 250V (16A, 250V UL)





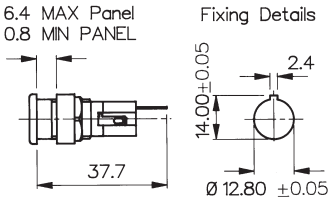
Specifications	FX0415, FX0416	FX0415/S, FX0416/S
Fuse Size:	FX0415 - 6.3 x 32mm FX0416 - 6.3 x 25mm	FX0415/S - 6.3 x 32mm FX0416/S - 6.3 x 25mm
Fuse Carrier:	Screw cap/Screwdriver release	Screw cap/Screwdriver release
Terminations:	4.8 series tabs	4.8 series tabs
Max. Rating:	13A, 250V (16A, 250V UL)	13A, 250V (16A, 250V UL)
Max. Power Dissipation:	4W (@ 23°C)	4W (@ 23°C)
Insulation Resistance:	$>10^5$MΩ @ 500V DC	$>10^5$MΩ @ 500V DC
A.C. Breakdown:	4kV @ 50Hz	4kV @ 50Hz
Contact Resistance:	<5mΩ	<5mΩ
Operating Temp:	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)
Mouldings: Body: Cap: Nut:	 Glass Filled Nylon UL94V-0 rated Nylon UL94V-0 rated Polyester UL94V-0 rated	 Glass Filled Nylon UL94V-0 rated Nylon UL94V-0 rated Polyester UL94V-0 rated
Contacts:	Brass, Silver Plated	Brass, Silver Plated
Approvals:		
Accessories:	P.No. 12932 (See page 17)	P.No. 12932 (See page 17)
RoHS	Compliant	Compliant

Panel Mounting Touchproof, PC2

Panel Mount

FX0354

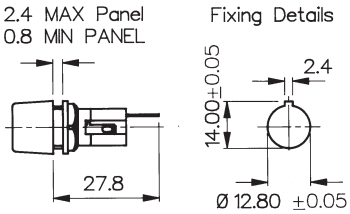
- Protection Category PC2
- Low Profile Bezel
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- Keyway Panel Cutout
- 6.3A, 250V



Panel Mount

FX0354/S

- Protection Category PC2
- High Profile Bezel
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- Keyway Panel Cutout
- 6.3A, 250V



Specifications	FX0354	FX0354/S
Fuse Size:	5 x 20mm	5 x 20mm
Fuse Carrier:	Screw cap/Screwdriver release	Screw cap/Screwdriver release
Terminations:	Solder tags	Solder tags
Max. Rating:	6.3A, 250V	6.3A, 250V
Max. Power Dissipation:	2.5W (@ 23°C)	2.5W (@ 23°C)
Insulation Resistance:	>10²MΩ @ 500V DC	>10²MΩ @ 500V DC
AC Breakdown:	5kV @ 50Hz	5kV @ 50Hz
Contact Resistance:	<10mΩ	<10mΩ
Operating Temp:	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)
Mouldings: Body: Cap: Nut:	 Polyester UL94V-0 rated Nylon UL94V-0 rated Glass Filled Nylon UL94V-0 rated	 Polyester UL94V-0 rated Nylon UL94V-0 rated Glass Filled Nylon UL94V-0 rated
Contacts:	Brass, Silver Plated	Brass, Silver Plated
Approvals:		
Accessories:	P.No. 11327 and 12298 (See page 17)	P.No. 11327 and 12298 (See page 17)
RoHS	Compliant	Compliant

Touchproof Fuseholders 6.3 x 32mm (1¼" x ¼"), PC2

Key Features

- 6.3 x 32mm fuses
- Screwdriver slot knob
- PC2 protection category
- 4.8, 6.3 and solder terminals
- Low profile bezel
- Snap in or threaded bushing mounting options

Approvals and specifications

16A UL 250V UL file E92075 CSA file LR44770

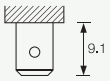
These products comply with safety category PC2. Users should be aware of the de-rating factors published by specialist manufacturers of fuses.

Fuseholders with Inline termination have combination (4.8/6.3) terminals. It has not been possible to show both views here. Units with right angle terminals have user specified end terminals and combination mid-body terminals.

T	/	0347	/	RA	/	----
Terminal		Body & Cap		Panel Hole		Options

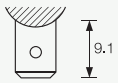
Terminal

C



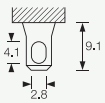
6.3 x 0.8

D



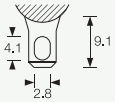
6.3 x 0.8
Right Angle

T



4.8 x 0.8
Solder

U



4.8 x 0.8
Right Angle

Body

0345 (C terminal shown) Screwdriver release

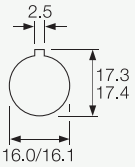
0345 (D terminal shown) Screwdriver release

0347 (T terminal shown) Screwdriver release

0347 (U terminal shown) Screwdriver release

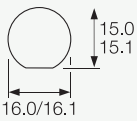
Options

RA



Panel thickness
0.8 - 2.0mm for snap fit
0.8 - 7.0mm for screw to panel fixing

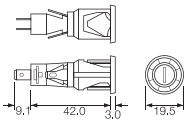
RD



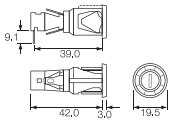
Panel thickness
0.8 - 2.0mm for snap fit
0.8 - 7.0mm for screw to panel fixing

Dimensions

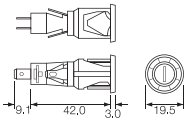
0345 (C terminal shown)



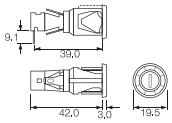
0345 (D terminal shown)



0347 (C terminal shown)



0347 (D terminal shown)



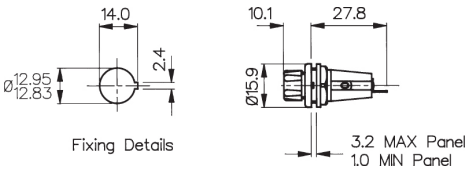
Optional metal fixing nut available for 0347

Panel Mounting Touchproof, PC1

Panel Mount

FX0296/S FX0296

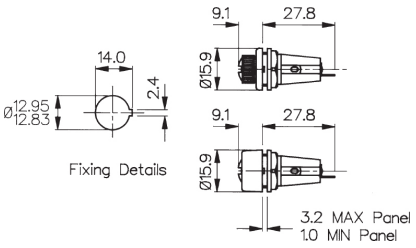
- Protection Category PC1
- Fuse Size 5 x 20mm
- Screw Cap/Hand Release
- 6.3A, 250V



Panel Mount

FX0296/1

- Protection Category PC1
- Fuse Size 5 x 20mm
- Screw Cap/Hand Release
- 6.3A, 250V



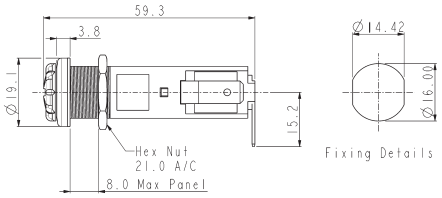
Specifications	FX0296, FX0296/S	FX0296/1
Fuse Size:	5 x 20mm	5 x 20mm
Fuse Carrier:	FX0296 Screw cap/Hand release FX0296/S Screw cap/Screwdriver release	Screw cap/Hand release
Terminations:	Solder tags	Solder tags
Max. Rating:	6.3A, 250V	6.3A, 250V
Max. Power Dissipation:	2.5W (@ 23°C)	2.5W (@ 23°C)
Insulation Resistance:	$>10^5$MΩ @ 500V DC	$>10^5$MΩ @ 500V DC
AC Breakdown:	2.5kV @ 50Hz	2.5kV @ 50Hz
Contact Resistance:	<5mΩ	<5mΩ
Operating Temp:	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)
Mouldings: Body: Cap: Nut:	 Glass Filled Nylon UL94V-0 rated Nylon UL94V-0 rated Glass Filled Nylon UL94V-0 rated	 Glass Filled Nylon UL94V-0 rated Nylon UL94V-0 rated Glass Filled Nylon UL94V-0 rated
Contacts:	Brass, Silver or Tin Plated	Brass, Silver or Tin Plated
Accessories	P.No. 9820 (See page 17)	P.No. 9820 (See page 17)
RoHS	Compliant	Compliant

Panel Mounting Touchproof, Sealed to IP68, PC2

Panel Mount

FX0419

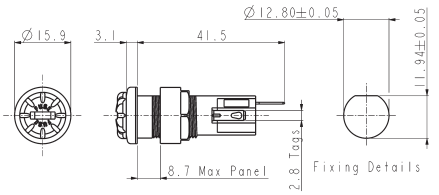
- Panel sealed to IP68
- Touchproof Category PC2
- Fuse Size 6.3 x 32mm
- Screw cap/Screwdriver/Hand Release
- 16A. 250V AC



Panel Mount

FX0462

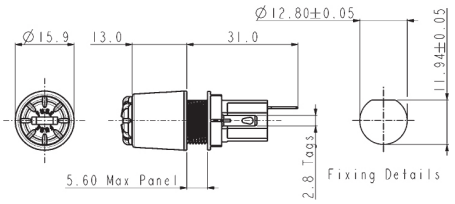
- Panel sealed to IP68
- Touchproof Category PC2
- Fuse Size 5 x 20mm
- Screw cap/Screwdriver/Hand Release
- 10A. 250V AC



Panel Mount

FX0463

- Panel sealed to IP68
- Touchproof Category PC2
- Fuse Size 5 x 20mm
- High Profile Bezel
- Screw cap/Screwdriver/Hand Release
- 10A. 250V AC



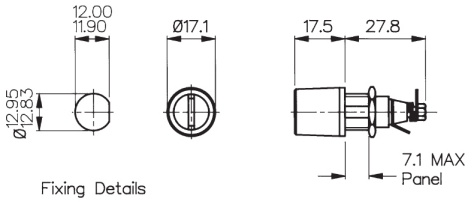
Specifications	FX0419	FX0462	FX0463
Fuse Size:	6.3 x 32mm	5.0 x 20mm	5.0 x 20mm
Fuse Carrier:	Screw cap/Screwdriver/Hand release	Screw cap/Screwdriver/Hand release	Screw cap/Screwdriver/Hand release
Terminations:	6.3 series tabs	Solder tags	Solder tags
Max. Rating:	16A, 250V AC	10A, 250V AC	10A, 250V AC
Max. Power Dissipation:	2.5W (@ 23°C)	2.5W (@ 23°C)	2.5W (@ 23°C)
Insulation Resistance:	>10^6MΩ @ 500V DC	>10^2MΩ @ 500V DC	>10^2MΩ @ 500V DC
A.C. Breakdown:	>2kV @ 50Hz	>7kV @ 50Hz	>7kV @ 50Hz
Contact Resistance:	<10mΩ	<10mΩ	<10mΩ
Operating Temp:	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)
Mouldings:			
Body:	Polyester UL94V-0 rated	Polyester UL94V-0 rated	Polyester UL94V-0 rated
Cap:	Nylon UL94V-0 rated	Nylon UL94V-0 rated	Nylon UL94V-0 rated
Nut:	Glass Filled Nylon UL94V-0 rated	Glass Filled Nylon UL94V-0 rated	Glass Filled Nylon UL94V-0 rated
Contacts:	Brass, Silver Plated	Brass, Silver Plated	Brass, Silver Plated
Tightening Torque:			
Cap:	0.5 - 0.6Nm (4.43-5.3lbf.in.)	0.4 - 0.6Nm (3.54-5.3lbf.in.)	0.4 - 0.6Nm (3.54-5.3lbf.in.)
Panel Nut:	0.5Nm (4.4lbf.in.)	0.5Nm (4.4lbf.in.)	0.5Nm (4.4lbf.in.)
Sealing:	IP68 to EN60529:1992+A2:2013 (10m for 2weeks)	IP68 to EN60529:1992+A2:2013 (10m for 2weeks)	IP68 to EN60529:1992+A2:2013 (10m for 2weeks)
Accessories:		P.nos. 11327 (See page 17)	P.nos. 11327 (See page 17)
Approvals:	*VDE APPROVALS PENDING		
RoHS	Compliant	Compliant	Compliant

Panel Mounting Touchproof, Sealed to IP66, PC1

High Profile Panel Mount

FX0345

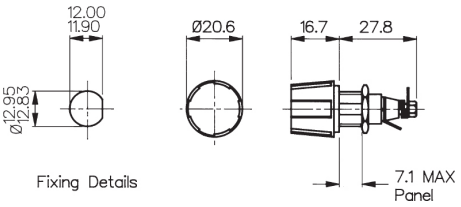
- Sealed to IP66
- Protection Category PC1
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- 6.3A, 250V



High Profile Panel Mount

FX0365

- Sealed to IP66
- Protection Category PC1
- Fuse Size 5 x 20mm
- Screw Cap/Hand Release
- Large Cap for Easy Grip
- 6.3A, 250V



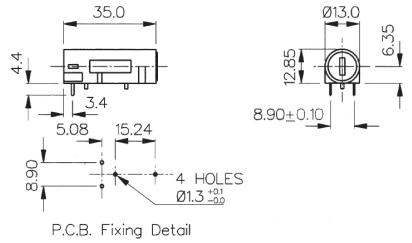
Specifications	FX0345, FX0345/A	FX0365, FX0365/A
Fuse Size:	5 x 20mm	5 x 20mm
Fuse Carrier:	Screw cap/Screwdriver release	Screw cap/Screwdriver release
Terminations:	Solder tags	Solder tags
Max. Rating:	6.3A, 250V	6.3A, 250V
Max. Power Dissipation:	4W (@ 23°C)	4W (@ 23°C)
Insulation Resistance:	>10³MΩ @ 500V DC	>10³MΩ @ 500V DC
AC Breakdown:	>3.5kV @ 50Hz	>3.5kV @ 50Hz
Contact Resistance:	<10mΩ	<10mΩ
Operating Temp:	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)
Mouldings:		
Body & Cap:	Glass Filled Nylon UL94V-0 rated	Glass Filled Nylon UL94V-0 rated
Spacer:	Glass Filled Nylon UL94HB rated	Glass Filled Nylon UL94HB rated
Insulating Sleeve:	Nylon UL94V-0 rated	Nylon UL94V-0 rated
Contacts:	Brass, Silver Plated	Brass, Silver Plated
Sealing:	Protection Classification IP66 to EN60529:1992+A2:2013 Retains sealing integrity with cap removed since they are both panel and barrier sealed	
Variants:	/A Silicone 'O' ring, Op. Temp. –55°C to +85°C	/A Silicone 'O' ring, Op. Temp. –55°C to +85°C
RoHS	Compliant	Compliant

PCB Mounting PC1, PC2 and PC3

PCB Horizontal Mount

FX0461

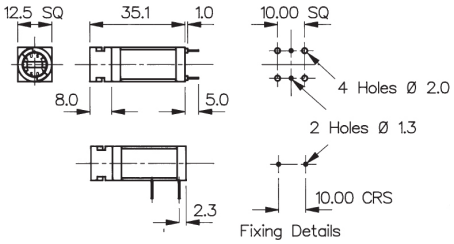
- Protection Category PC3
- Fuse Size 5 x 20mm
- Screw Cap/Screwdriver Release
- Captive Fuse Carrier
- PC Spills
- 10A, 250V (16A, 250V UL)



PCB Horizontal and Vertical Mount

FX0457 FX0456

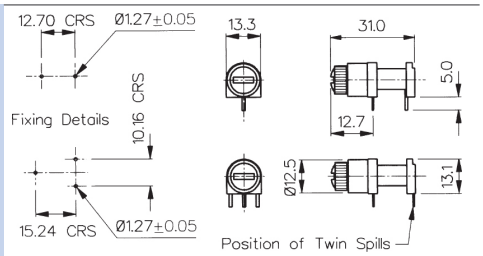
- Protection Category PC2
- Fuse Sizes 5 x 20mm
- Bayonet Cap/Screwdriver Release
- 10A, 250V



PCB Horizontal Mount

FX0330 FX0342

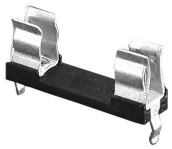
- Protection Category PC1
- Fuse Size 5 x 20mm
- Two or Three PC Spills
- Screw Cap/Hand Release
- 6.3A, 250V



Specifications	FX0461	FX0456 FX0457	FX0330 FX0342
Fuse Size:	5 x 20mm	5 x 20mm	5 x 20mm
Fuse Carrier:	Screw cap/Screwdriver release	Bayonet cap/Screwdriver release	Screw cap/Hand release
Terminations:	PC Spills	PC Spills	FX0330 - 3 PC Spills FX0342 - 2 PC Spills
Max. Rating:	10A, 250V (16A, 250V AC UL)	10A, 250V	6.3A, 250V
Max. Power Dissipation:	1.6W (@ 23°C)	2.5W (@ 23°C)	2.5W (@ 23°C)
Insulation Resistance:	>10MΩ @ 500V DC	>10^2MΩ @ 500V DC	>10^4MΩ @ 500V DC
AC Breakdown:	>2kV	4kV @ 50Hz	6kV @ 50Hz
Contact Resistance:	<10mΩ	<10mΩ	<5mΩ
Operating Temp:	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)	–20°C to +85°C (ambient air temp + fuse temp rise)
Mouldings: Body: Cap: End Bung:	Polyester UL94V-0 rated Nylon UL94V-0 rated	Polyester UL94V-0 rated Nylon UL94V-0 rated Polyester UL94V-0 rated	Glass Filled Nylon UL94V-0 rated Nylon UL94V-0 rated
Contacts:	Brass, Silver Plated	Brass, Silver Plated	Brass, Tin Plated
Approvals:			
RoHS	Compliant	Compliant	Compliant

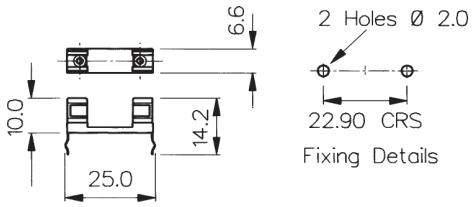
PCB and Base Mounting, PC1

PCB Mount



FX0321

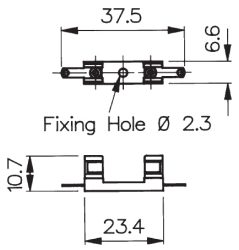
- Protection Category PC1
- Fuse Size 5 x 20mm
- PC Spills
- 6.3A, 250V



Base Mount

FX0267

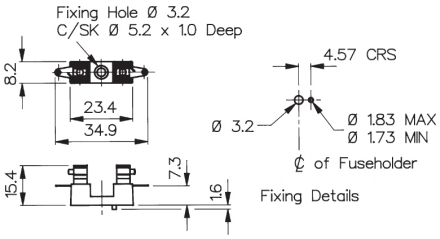
- Protection Category PC1
- Fuse Size 5 x 20mm
- Solder Tags
- 6.3A, 250V



Base Mount

FX0360

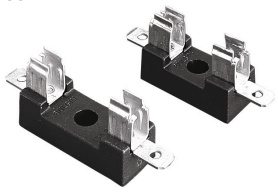
- Protection Category PC1
- Fuse Size 5 x 20mm
- Solder Tags
- 6.3A, 250V



Specifications	FX0321	FX0267	FX0360
Fuse Size:	5 x 20mm	5 x 20mm	5 x 20mm
Terminations:	PC Spills	Solder tags	Solder tags
Max. Rating:	6.3A, 250V	6.3A, 250V	6.3A, 250V
Insulation Resistance:	$>10^5$MΩ @ 500V DC	$>10^5$ MΩ @ 500V DC	$>10^4$ MΩ @ 500V DC
AC Breakdown:	7kV @ 50Hz (Clip to clip)	1.5kV @ 50Hz	2kV @ 50Hz
Contact Resistance:	<10mΩ	<10mΩ	<10mΩ
Operating Temp: (ambient air temp + fuse temp rise)	–20°C to +85°C	–20°C to +85°C	–20°C to +85°C
Base Material:	Glass Filled Nylon UL94V-0 rated	Glass Filled Nylon UL94V-0 rated	Glass Filled Nylon UL94HB rated
Contacts:	Phospher Bronze, Tin Plated	Phospher Bronze, Tin Plated	Phospher Bronze, Tin Plated
Accessories:	P.No. 12760 (See page 17)	P.No. 12760 (See page 17)	
RoHS	Compliant	Compliant	Compliant

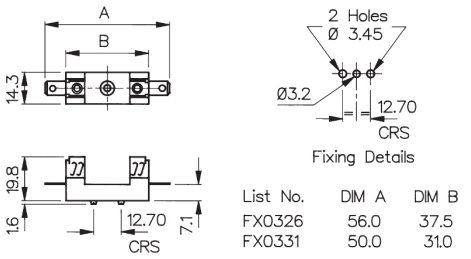
Base Mounting, PC1

Base Mount



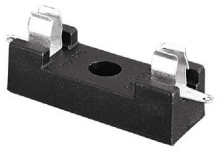
FX0326 FX0331

- Protection Category PC1
- Fuse Sizes:
  6.3 x 32mm (FX0326)
  6.3 x 25mm (FX0331)
- Solder Tags
- 13A, 250V



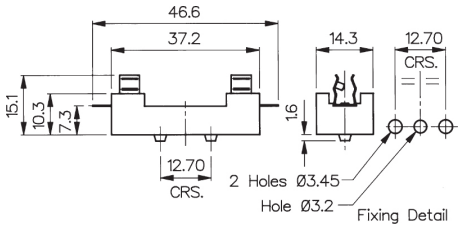
List No.	DIM A	DIM B
FX0326	56.0	37.5
FX0331	50.0	31.0

Base Mount



FX0327

- Protection Category PC1
- Fuse Size 6.3 x 32mm
- Solder Tags
- 5A, 250V



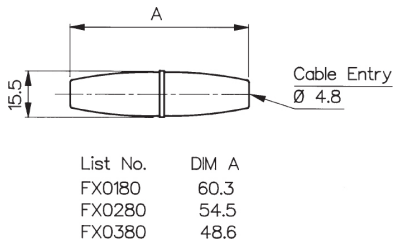
Specifications	FX0326, FX0331	FX0327
Fuse Size:	FX0326 - 6.3 x 32mm FX0331 - 6.3 x 25mm	6.3 x 32mm
Terminations:	6.3 series tabs	Solder tags
Max. Rating:	13A, 250V	5A, 250V
Insulation Resistance:	$>10^4$ MΩ @ 500V DC	$>10^5$ MΩ @ 500V DC
A.C. Breakdown:	5kV @ 50Hz	5kV @ 50Hz
Contact Resistance:	<5mΩ	<10mΩ
Operating Temp: (ambient air temp + fuse temp rise)	–20°C to +85°C	–20°C to +85°C
Base Material:	Glass Filled Polyester UL94V-0 rated	Glass Filled Polyester UL94V-0 rated
Contacts:	Clips: Phospher Bronze, Tin Plated Tabs: Brass, Tin Plated	Phospher Bronze, Tin Plated
RoHS	Compliant	Compliant

Inline PC1 and Inline Sealed to IP66, PC1

Inline

FX0180, FX0280, FX0380

- Protection Category PC1
- Fuse Sizes 5 x 20mm, 6.3 x 25mm and 6.3 x 32mm
- Screw Terminal (Solder to order)
- 10A, 50V (250V Inaccessible)
- UL Approved (Black Only)
- Clear or black

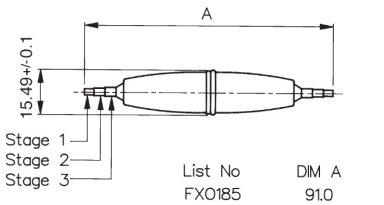


List No.	DIM A
FX0180	60.3
FX0280	54.5
FX0380	48.6

Inline

FX0185, FX0285, FX0385

- Sealed to IP66
- Protection Category PC1
- Fuse Sizes 5 x 20mm, 6.3 x 25mm and 6.3 x 32mm
- Screw Terminal (Solder to order)
- 10A, 50V (250V Inaccessible)
- UL Approved (Black Only)
- Clear or black



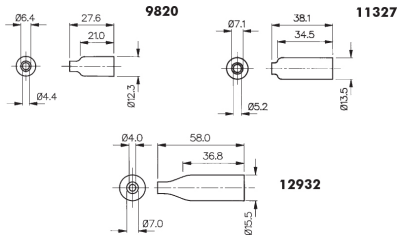
List No	DIM A
FX0185	91.0
FX0285	85.2
FX0385	78.7 +/-0.9

Specifications	FX0180/Colour, FX0280/Colour, FX0380/Colour	FX0185/Colour, FX0285/colour, FX0385/Colour
Fuse Size:	5 x 20mm FX0380 6.3 x 25mm FX0280 6.3 x 32mm FX0180	5 x 20mm FX0385 6.3 x 25mm FX0285 6.3 x 32mm FX0185
Cable Acceptance:	1mm² conductor (max.)	1mm2 conductor (max.) 1mm to 2.64mm overall diameter Stepped grommet: Stage 1: 1.00mm to 1.40mm Stage 2: 1.50mm to 1.90mm Stage 3: 2.0mm to 2.64mm
Terminations:	Screw terminal (solder to order)	Screw Terminal (solder to order)
Max. Rating:	10A, 50V (250V where inaccessible inside equipment)	10A, 50V (250V where inaccessible inside equipment)
Insulation Resistance:	$>10^5$ MΩ @ 500V DC
High Voltage Proof Test:	2kV (50Hz for 1 minute)
Contact Resistance:	<10mΩ
Operating Temp: (ambient air temp + fuse temp rise)	–20°C to +90°C	–20°C to +70°C
Sealing:		Protection Classification IP66 EN60529: 1992+A2:2013
Screw Tightening Torque	0.226Nm (2lb/in)	0.226Nm (2lb/in)
Mouldings:		
Body - Clear:	Polybutene UL94HB rated	Polybutene UL94HB rated
Body - Black:	Nylon 6 UL94V-0 rated	Nylon 6 UL94V-0 rated
Grommet:		PVC
O Ring:		Nitrile
Contacts:		
Terminals:	Brass, Nickel Plated	Brass, Nickel Plated
Grub Screw:	Stainless Steel	Stainless Steel
Approvals:	(Black version only)	(Black version only)
Colour:	Clear - no suffix, /BK - Black	Clear - no suffix, /BK - Black
RoHS	Compliant	Compliant

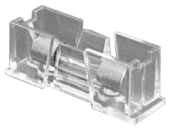
Insualtion Boots

PNo. 11327 PNo. 12932 PNo. 9820

- Provide Insulation against Shock on Rear of Fuseholder
- PVC
- UL94V-0 rated flame retardant material

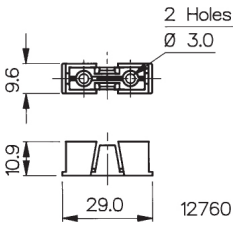


Insualtion Cover



PNo. 12760

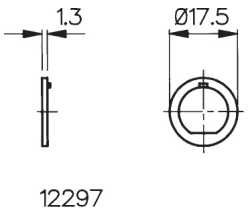
- Provide Insulation from Live Parts on Fuseholder
- Clear
- Polycarbonate



Adaptor

PNo. 12297

- Adaptor to Convert Fixing Holes
- Maintains Anti-Rotation
- Glass Filled Nylon



Accessories	For Use With:
P.No. 9820 (Boot)	FX0296, FX0296/1, FX0296/S
P.No. 11327 (Boot)	FX0354, FX0354/S, FX0357, FX0359, FX0454, FX0454/S, FX0455, FX0455/S, FX0458, FX0367, FX0369, FX0462, FX0463
P.No. 12932 (Boot)	FX0415, FX0415/S, FX0416, FX0416/S
P.No. 12760 (Cover)	FX0267, FX0321
Max. Working Voltage:	250V AC
Flash Tested to:	2kV AC
Material:	P.Nos. 9820, 11327, 12932: PVC - UL94V-0 P.No. 12760: Polycarbonate
P.No. 12297 (Adaptor Washer)	Adapts 'D' fixing to anti-rotation Key Fixing FX0455, FX0455/S
Material:	Glass Filled Nylon
RoHS	Compliant