

## Product description

**International** 16A & 32A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	16A & 32A pin & sleeve receptacles	16A & 32A pin & sleeve plugs	16A & 32A pin & sleeve connectors	16A & 32A pin & sleeve inlets
<b>Testing &amp; code compliance</b>	<b>Base device:</b> Classified to IEC standards 60309-1 and 60309-2	<b>Base device:</b> Classified to IEC standards 60309-1 and 60309-2	<b>Base device:</b> Classified to IEC standards 60309-1 and 60309-2	<b>Base device:</b> Classified to IEC standards 60309-1 and 60309-2
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) <b>Protection:</b> Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	<b>Flammability:</b> Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) <b>Protection:</b> Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	<b>Flammability:</b> Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) <b>Protection:</b> Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	<b>Flammability:</b> Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) <b>Protection:</b> Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9
<b>Electrical specifications</b>	<b>Dielectric voltage:</b> 50-415V: 2000V, 415-500V: 2500V <b>Maximum working voltage:</b> 480V <b>Breaking capacity:</b> Tested at 110% rated voltage & 125% rated current <b>Temperature rise:</b> 50°C Max. <b>Normal operation:</b> 5000 cycles	<b>Dielectric voltage:</b> 50-415V: 2000V, 415-500V: 2500V <b>Maximum working voltage:</b> 480V <b>Breaking capacity:</b> Tested at 110% rated voltage & 125% rated current <b>Temperature rise:</b> 50°C Max. <b>Normal operation:</b> 5000 cycles	<b>Dielectric voltage:</b> 50-415V: 2000V, 415-500V: 2500V <b>Maximum working voltage:</b> 480V <b>Breaking capacity:</b> Tested at 110% rated voltage & 125% rated current <b>Temperature rise:</b> 50°C Max. <b>Normal operation:</b> 5000 cycles	<b>Dielectric voltage:</b> 50-415V: 2000V, 415-500V: 2500V <b>Maximum working voltage:</b> 480V <b>Breaking capacity:</b> Tested at 110% rated voltage & 125% rated current <b>Temperature rise:</b> 50°C Max. <b>Normal operation:</b> 5000 cycles
<b>Mechanical specifications</b>	<b>Terminal accommodations:</b> #12 - #10 AWG (16A) #10 - #8 AWG (32A) <b>Voltage ratings:</b> Marked on device <b>Impact resistance:</b> IEC60309-1 <b>Cable grip retention:</b> IEC60309-2	<b>Terminal accommodations:</b> #12 - #10 AWG (16A) #10 - #8 AWG (32A) <b>Voltage ratings:</b> Marked on device <b>Impact resistance:</b> IEC60309-1 <b>Cable grip retention:</b> IEC60309-2	<b>Terminal accommodations:</b> #12 - #10 AWG (16A) #10 - #8 AWG (32A) <b>Voltage ratings:</b> Marked on device <b>Impact resistance:</b> IEC60309-1 <b>Cable grip retention:</b> IEC60309-2	<b>Terminal accommodations:</b> #12 - #10 AWG (16A) #10 - #8 AWG (32A) <b>Voltage ratings:</b> Marked on device <b>Impact resistance:</b> IEC60309-1 <b>Cable grip retention:</b> IEC60309-2
<b>Materials</b>	<b>Housing &amp; flange:</b> Nylon PA6-GF30 <b>Back body:</b> N/A <b>Contact carrier:</b> Nylon PA6-FR <b>Sleeves:</b> Nickel plated brass <b>Contact spring on sleeves:</b> Nickel plated spring steel <b>Pins:</b> N/A <b>External strain relief clamp:</b> N/A <b>Cable seal:</b> N/A <b>Support washer for cord grip:</b> N/A <b>Cover:</b> Nylon PA6-GF30 <b>Hinge pin:</b> Nylon PA6-GF30 <b>Cover spring:</b> Stainless steel <b>Cover gasket:</b> Silicon rubber <b>Flange gasket:</b> Silicon rubber <b>Terminal screws:</b> Nickel plated steel <b>Assembly screws:</b> Stainless steel	<b>Housing &amp; flange:</b> Nylon PA6-GF30 <b>Back body:</b> Nylon PA6-GF30 <b>Contact carrier:</b> Nylon PA6-FR <b>Sleeves:</b> N/A <b>Contact spring on sleeves:</b> N/A <b>Pins:</b> Nickel plated brass <b>External strain relief clamp:</b> Nylon PA6-GF30 <b>Cable seal:</b> Silicon rubber <b>Support washer for cord grip:</b> Plated Steel <b>Cover:</b> N/A <b>Hinge pin:</b> N/A <b>Cover spring:</b> N/A <b>Cover gasket:</b> Silicon rubber <b>Flange gasket:</b> Silicon rubber <b>Terminal screws:</b> Nickel plated steel <b>Assembly screws:</b> Stainless steel	<b>Housing &amp; flange:</b> Nylon PA6-GF30 <b>Back body:</b> Nylon PA6-GF30 <b>Contact carrier:</b> Nylon PA6-FR <b>Sleeves:</b> Nickel plated brass <b>Contact spring on sleeves:</b> Nickel plated spring steel <b>Pins:</b> N/A <b>External strain relief clamp:</b> Nylon PA6-GF30 <b>Cable seal:</b> Silicon rubber <b>Support washer for cord grip:</b> Plated Steel <b>Cover:</b> Nylon PA6-GF30 <b>Hinge pin:</b> Nylon PA6-GF30 <b>Cover spring:</b> Stainless steel <b>Cover gasket:</b> Silicon rubber <b>Flange gasket:</b> Silicon rubber <b>Terminal screws:</b> Nickel plated steel <b>Assembly screws:</b> Stainless steel	<b>Housing &amp; flange:</b> Nylon PA6 <b>Back body:</b> N/A <b>Contact carrier:</b> N/A <b>Sleeves:</b> N/A <b>Contact spring on sleeves:</b> N/A <b>Pins:</b> Nickel plated brass <b>External strain relief clamp:</b> N/A <b>Cable seal:</b> N/A <b>Support washer for cord grip:</b> N/A <b>Cover:</b> N/A <b>Hinge pin:</b> N/A <b>Cover spring:</b> N/A <b>Cover gasket:</b> Silicon rubber <b>Flange gasket:</b> Silicon rubber <b>Terminal screws:</b> Nickel plated steel <b>Assembly screws:</b> Stainless steel

Compliances, specifications and availability are subject to change without notice.