

Specifications for IEC 309 watertight pin & sleeve mechanical interlocks



Product description

20A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	20A non-fusible mechanical interlocks	20A fusible mechanical interlocks	20A fuse option mechanical interlocks	20A circuit breaker option mechanical interlocks
Testing & code compliance	Base device: <ul style="list-style-type: none"> Classified to IEC standards 60309-1 and 60309-2 Listed to UL508, UL1682 & UL1686 CSA certified to C22.2, no. 4-M91 	Base device: <ul style="list-style-type: none"> Classified to IEC standards 60309-1 and 60309-2 Listed to UL98, UL1682 & UL1686 CSA certified to C22.2, no. 4-M91 	Base device: <ul style="list-style-type: none"> Classified to IEC standards 60309-1 and 60309-2 Listed to UL508, UL1682 & UL1686 CSA certified to C22.2, no. 4-M91 	Base device: <ul style="list-style-type: none"> Classified to IEC standards 60309-1 and 60309-2 Listed to UL508, UL1682 & UL1686 CSA certified to C22.2, no. 4-M91
Environmental specifications	Flammability: Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) Protection: NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529	Flammability: Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) Protection: NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529	Flammability: Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) Protection: NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529	Flammability: Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) Protection: NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529
Electrical specifications	Dielectric voltage: 3000V Maximum working voltage: 600V (rms) Current interrupting: Yes, at full-rated current & voltage Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @150% of rated current Endurance: 5000 cycles	Dielectric voltage: 3000V Maximum working voltage: 600V (rms) Current interrupting: Yes, at full-rated current & voltage Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @150% of rated current Endurance: 5000 cycles	Dielectric voltage: 3000V Maximum working voltage: 600V (rms) Current interrupting: Yes, at full-rated current & voltage Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @150% of rated current Endurance: 5000 cycles	Dielectric voltage: 3000V Maximum working voltage: 600V (rms) Current interrupting: Yes, at full-rated current & voltage Temperature rise: Max. 30°C (86°F) after 50 cycles of overload @150% of rated current Endurance: 5000 cycles
Mechanical specifications	Voltage ratings: Marked on device Impact resistance: CSA 22.2, 182.1 UL1682 Cable grip retention: CSA 22.2, 182.1 UL1682	Voltage ratings: Marked on device Impact resistance: CSA 22.2, 182.1 UL1682 Cable grip retention: CSA 22.2, 182.1 UL1682	Voltage ratings: Marked on device Impact resistance: CSA 22.2, 182.1 UL1682 Cable grip retention: CSA 22.2, 182.1 UL1682	Voltage ratings: Marked on device Impact resistance: CSA 22.2, 182.1 UL1682 Cable grip retention: CSA 22.2, 182.1 UL1682
Materials	Enclosure back housing: UV stabilized Valox® Enclosure cover: UV stabilized Valox® Enclosure gasket: Poured-in-place, seamless Enclosure fixing screws: Stainless steel Receptacle housing & flange: PBT polyester & nylon/ABS blend Receptacle contact carrier/support isolators: Type 6/6 nylon Receptacle sleeves: Brass Contact spring on sleeves: Nickel plated stainless steel Receptacle rivet: PBT polyester Receptacle cover: Type 6 nylon w/ PBT locking ring Receptacle cover spring: Stainless steel Receptacle cover gasket: NBR rubber Receptacle flange gasket: EPDM rubber Receptacle terminal screws: Nickel plated brass Receptacle assembly screws: Stainless steel	Enclosure back housing: UV stabilized Valox® Enclosure cover: UV stabilized Valox® Enclosure gasket: Poured-in-place, seamless Enclosure fixing screws: Stainless steel Receptacle housing & flange: PBT polyester & nylon/ABS blend Receptacle contact carrier/support isolators: Type 6/6 nylon Receptacle sleeves: Brass Contact spring on sleeves: Nickel plated stainless steel Receptacle rivet: PBT polyester Receptacle cover: Type 6 nylon w/ PBT locking ring Receptacle cover spring: Stainless steel Receptacle cover gasket: NBR rubber Receptacle flange gasket: EPDM rubber Receptacle terminal screws: Nickel plated brass Receptacle assembly screws: Stainless steel	Enclosure back housing: UV stabilized Valox® Enclosure cover: UV stabilized Valox® Enclosure gasket: Poured-in-place, seamless Enclosure fixing screws: Stainless steel Receptacle housing & flange: PBT polyester & nylon/ABS blend Receptacle contact carrier/support isolators: Type 6/6 nylon Receptacle sleeves: Brass Contact spring on sleeves: Nickel plated stainless steel Receptacle rivet: PBT polyester Receptacle cover: Type 6 nylon w/ PBT locking ring Receptacle cover spring: Stainless steel Receptacle cover gasket: NBR rubber Receptacle flange gasket: EPDM rubber Receptacle terminal screws: Nickel plated brass Receptacle assembly screws: Stainless steel	Enclosure back housing: UV stabilized Valox® Enclosure cover: UV stabilized Valox® Enclosure gasket: Poured-in-place, seamless Enclosure fixing screws: Stainless steel Receptacle housing & flange: PBT polyester & nylon/ABS blend Receptacle contact carrier/support isolators: Type 6/6 nylon Receptacle sleeves: Brass Contact spring on sleeves: Nickel plated stainless steel Receptacle rivet: PBT polyester Receptacle cover: Type 6 nylon w/ PBT locking ring Receptacle cover spring: Stainless steel Receptacle cover gasket: NBR rubber Receptacle flange gasket: EPDM rubber Receptacle terminal screws: Nickel plated brass Receptacle assembly screws: Stainless steel

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