

## Computer System Interconnections

### Performance — Electrical

<b>Dielectric Voltage Withstand</b>	3000 volts
<b>Max. Working Voltage</b>	600 volts RMS (minimum creepage distance and minimum clearance per UL 840)
<b>Circuit Interrupting/ Load Breaking</b>	UL Listed and CSA Certified for circuit interrupting at full rated current
<b>Temperature Rise</b>	Max. 30° C temperature rise at full rated current after 50 cycles of overload at 150% rated current at .75 pF
<b>Shrouded Contacts</b>	Complies with California Code Title 8, Art. 51, S2510.7(b) for devices exceeding 300VAC
<b>Horsepower</b>	Per NEC® 430–151 ratings

### Performance — Mechanical

<b>Impact Resistance</b>	Per UL 1682 Paragraph 34
<b>Cord Accommodation</b>	Round portable service cords per UL standard 62 and CSA C22.2 No. 49.1
<b>Terminal Identification</b>	In accordance with UL 1682
<b>Cable Pull-Out Force</b>	In accordance with UL 1682
<b>Product Identification</b>	Identification label and molded-in name
<b>Lockout/Tagout</b>	Lockout/Tagout hole in 30/50A DuraGard® plug complies with OSHA Reg. 29 CFR 1910.147 (VO 30A and 50A plugs only)

### Materials

	FS/FD™	SPEC GRADE	DURAGARD® SAFETY GRADE™
<b>Contact Carrier Interior</b>	Thermoset/Thermoplastic (20A and 30A)	Arc-Resistant UL 94-V0 Phenolic Thermoset	Arc-Resistant UL 94-V0 Phenolic Thermoset
<b>Housing, Gland Nuts</b>	Cast Aluminum	Lexan® UL 94-5VA	DuraV® UL 94-V0
<b>Screw Collar Rings</b>	—	High-Impact Thermoplastic	High-Impact Thermoplastic
<b>O-Rings</b>	—	Buna-N (Nitrile)	Buna-N (Nitrile)
<b>Contacts: Pins and Sleeves</b>	Brass	Brass CDA 360	Brass CDA 360
<b>Hinge Pins (Receptacle)</b>	Stainless Steel	—	Stainless Steel
<b>Terminals</b>	Brass	Stainless Steel	Stainless Steel
<b>All Hardware</b>	Stainless Steel	Stainless Steel	Stainless Steel
<b>Gland Glide Washer (or Internal Cable Grip)</b>	Brass	Nylon	20 Amp — Nylon 30 and 50 Amp — Aluminum
<b>Cable Clamp Bushing</b>	Neoprene	Neoprene	Neoprene

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### Performance — Environmental

<b>Moisture Resistance</b>	Per UL 1682 Paragraph 49. Watertight flap screw cover on receptacle, O-Rings on all VO/5VA pins and sleeves (excludes 60A)		
<b>Flammability</b>	VO/5A per UL 94 (DuraV® also 5VA in some applications)		
<b>Operating Temperatures</b>	VO	5VA	Metal
Maximum	95° C (230° F)	130° C (266° F)	130° C (266° F)
Continuous	(230° F)	(266° F)	(266° F)
Minimum	-40° C	-29° C	-40° C
without Impact	(-40° F)	(-20° F)	(-40° F)
<b>Chemicals</b>	Resists standard industrial hydrocarbons, acids, bases and solvents (DuraV® and Metal)		

### Approvals



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Conforms to NEMA 4, 4X and 6 (DuraGard® and Spec Grade)

Contact Technical Services

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