

MaxGard® Interconnection Systems

30A–400A Plugs, Connectors, Receptacles, Inlets and Interlocked Receptacles

Receptacles, Plugs and Connectors

FEATURE	RUSSELLSTOLL MAXGARD®	CROUSE-HINDS ARKTITE®**	APPLETON POWERTITE®***
Center ground contact	Yes	No	No
24 single-rated factory polarizations	Yes	No	No
Gated deadfront construction	Yes	No	No
Two optional control contacts	Yes	No	No
Marine-grade CDA485 brass pins/sleeves (200–400 amp silver-plated)	Yes	No	No
O-rings/environmental separation, full line	Yes	No	No
Available to 5-wire (4-pole, 5-wire)	Yes	30 and 60 amp only	No
Complete line epoxy powder coated — standard	Yes	No	Some

Interlocked XP Receptacles

FEATURE	RUSSELLSTOLL DBRE/DSRE SERIES	CROUSE-HINDS EPC SERIES	APPLETON EBR SERIES (WITH FB BREAKER)
Waterproof (DurORing™) O-ring sealing	Yes	No	No
Available to 5-wire (4-pole, 5-wire) through 100 amp	Yes	No	No
Gated deadfront	Yes	No	No
Center ground sleeve contact	Yes	No	No
24 single-rated factory polarizations	Yes	No	No
Class I, Div. 1, Groups B, C, D	Yes	Yes	Yes
Class II, Div. 1, Groups F and G	Yes	Yes	Yes*
Meets Coast Guard (was CG259) approvals	Yes	No	No

* Group F excepting electrically conductive dusts

** Crouse-Hinds and Arktite are trademarks of Cooper Industries, Inc.

*** Appleton and Powertite are trademarks of Appleton Electric Inc.

30A–400A Plugs, Connectors, Receptacles, Inlets and Interlocked Receptacles

D	F	3	414	F	R	A	B	K
								Ø = Standard Configuration, K = 2 Control Contacts B = Junction Box, E = Angle Enclosure, Ø = No Box
						Ø = Without Adapter, A = Angle, S = Straight Adapter		
					R = Receptacle, P = Plug			
				M = Male Pins, F = Female Sleeves (contacts)				
								} Ex: FP = Connector } MR = Motor Inlet
			Voltage Assignment Number See page H-340 (voltage selection chart)					
		Amperage Rating 3 = 30A, 6 = 60A, 1 = 100A, 2 = 200A, 4 = 400A						
	F = Flap Cover, S = Screw Cover (screw collar for male plugs and male inlets)							(Last 3 positions above: Ø can appear in any position — standard plugs, etc. will have a ØØØ suffix, e.g., "DS2404MPØØØ")
D = Gated Deadfront								

D = Gated Deadfront

S = Switch, B = Circuit Breaker

R = Receptacle

E = Explosion-Proof, F = Flap Cap (weathertight),
S = Screw Cap (watertight)

6 = Amperage Rating
3 = 30A, 6 = 60A, 1 = 100A, 2 = 200A, 4 = 400A

414 = Voltage Assignment Number (**page H-340** Voltage Selection Chart)

060 = Breaker Rating code: (**page H-330** Breaker Rating Trip Charts)
*NAO = Non-Automatic Switch

K = 2 Control Contacts
Ø = Standard Configuration, K = 2 Control Contacts

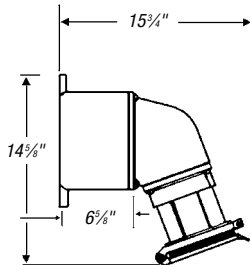
S = Auxiliary Switch, Z = Shunt Trip
Ø = Standard Configuration, S = Auxiliary Switch, Z = Shunt Trip

** With S in position 2, positions 9, 10 and 11 must be NAO*

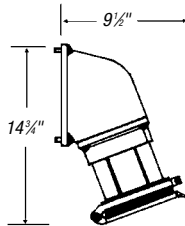
MaxGard® Interconnection Systems



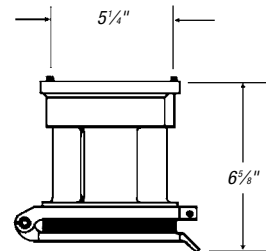
Female Receptacle
with Angle Adapter**
and Junction Box



Female Receptacle
with Angle Adapter**



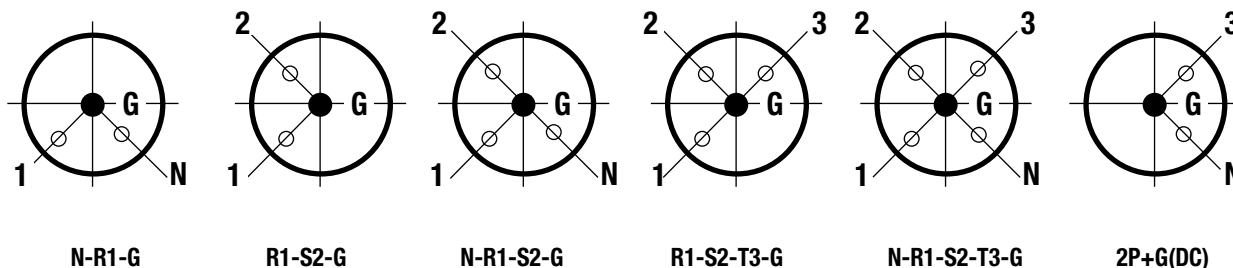
Female Receptacle



CAT. NO.	CAT. NO.	CAT. NO.
DF2104FRAB0	DF2104FRA00	DF2104FR000
DF2107FRAB0	DF2107FRA00	DF2107FR000
DF2204FRAB0	DF2204FRA00	DF2204FR000
DF2207FRAB0	DF2207FRA00	DF2207FR000
DF2214FRAB0	DF2214FRA00	DF2214FR000
DF2216FRAB0	DF2216FRA00	DF2216FR000
DF2304FRAB0	DF2304FRA00	DF2304FR000
DF2307FRAB0	DF2307FRA00	DF2307FR000
DF2316FRAB0	DF2316FRA00	DF2316FR000
DF2404FRAB0	DF2404FRA00	DF2404FR000
DF2407FRAB0	DF2407FRA00	DF2407FR000
DF2414FRAB0	DF2414FRA00	DF2414FR000
DF2416FRAB0	DF2416FRA00	DF2416FR000
DF2421FRAB0	DF2421FRA00	DF2421FR000
DF2504FRAB0	DF2504FRA00	DF2504FR000
DF2514FRAB0	DF2514FRA00	DF2514FR000
DF2516FRAB0	DF2516FRA00	DF2516FR000
DF2521FRAB0	DF2521FRA00	DF2521FR000

MaxGard® Interconnection Systems

Single Polarization/Multiple Service* Assigned Voltages and Wiring Systems



VOLTAGE ASSIGN. NO.	VOLTAGE	VOLTAGE ASSIGN. NO.	VOLTAGE	VOLTAGE ASSIGN. NO.	VOLTAGE	VOLTAGE ASSIGN. NO.	VOLTAGE	VOLTAGE ASSIGN. NO.	VOLTAGE	VOLTAGE ASSIGN. NO.	VOLTAGE	INDEX
101	220V-50 Hz	201	380V-50 Hz	301	220/380V-50 Hz	401	380V-50 Hz	501	220/380V-50 Hz			01
103	127V-50 Hz	203	220V-50 Hz	303	220/127V-50 Hz	403	220V-50 Hz	503	220/127V-50 Hz			03
104	277V-60 Hz	204	480V-60 Hz	304	277/480V-60 Hz	404	3Ø 480V-60 Hz	504	3ØY 277/480V-60 Hz			04
105	250V-50 Hz	205	440V-50 Hz	305	250/440V-50 Hz	405	3Ø 440V-50 Hz	505	3Ø 250/440V-50 Hz			05
107	125V-60 Hz	207	250V-60 Hz	307	125/250V-60 Hz	407	3Ø 250V-60 Hz	507	3ØY 125/250V-60 Hz			07
108	220V-60 Hz	208	380V-60 Hz	308	220/380V-60 Hz	408	3Ø 380V-60 Hz	508	3Ø 220/380V-60 Hz			08
109	100V-60 Hz	209	220V-60 Hz	309	100/220V-60 Hz	409	3Ø 220V-60 Hz	509	3Ø 100/220V-60 Hz			09
111	115V-400 Hz	211	220V-400 Hz	311	220/115V-400 Hz	411	220V-400 Hz	511	220/115V-400 Hz			11
—	—	—	—	—	—	—	—	513	230V DC	613	250 VDC	13
114	347V-60 Hz	214	600V-60 Hz	314	347/600V-60 Hz	414	3Ø 600V-60 Hz	514	3ØY 347/600V-60 Hz			14
115	100V-50 Hz	215	220V-50 Hz	315	100/220V-50 Hz	415	3Ø 220V-50 Hz	515	3Ø 100/220V-50 Hz			15
116	120V-60 Hz	216	208V-60 Hz	316	120/208V-60 Hz	416	3Ø 208V-60 Hz	516	3ØY 120/208V-60 Hz			16
117	120V-400 Hz	217	208V-400 Hz	317	120/208V-400 Hz	417	3Ø 208V-400 Hz	517	3Ø 120/208V-400 Hz			17
—	—	—	—	—	—	208V	—	—	—	618	28 VDC	18
—	—	—	—	—	—	—	—	—	—	—	—	20
—	—	221	440V-60 Hz	321	250/440V-60 Hz	421	3Ø 440V-60 Hz	521	3ØY 250/440V-60 Hz			21
—	—	—	—	—	—	250V	—	Reserved	—	—	—	22
—	—	—	—	—	—	480V	—	Reserved	—	—	—	23
—	—	—	—	—	—	600V	—	Reserved	—	—	—	24

MaxGard® receptacles and plugs may be furnished in any of the above voltage and phasing systems.

To order any device in a voltage and phasing not shown in the preceding catalog pages, substitute the Voltage Assignment Number in the **above** chart for that portion of the listed catalog number appearing in **boldface** type.

Example: 200 Amp Weathertight Receptacle with Flap Cover, Angle Adapter and Junction Box for 3Ø 480 volt (3-pole and ground) is DF2404FRAB0.

To change to 3Ø 208 volt, the catalog number becomes DF2416FRAB0.

Note: All devices may be furnished with two control contacts. Add "K" to the end of the catalog number, in place of last position Ø.

*** Dual-Voltage or Multiple-Service Applications** (for any given polarization number) — Example: A factory installation may consist of all receptacles specified and wired at polarization "507." This is a 3ph.Y-125/250V-60 Hz supply. However, all circuit requirements "below" (507) can also be met; for instance a "207" plug will draw phasing for 250V-60 Hz operation of equipment as well, while another ".507" receptacle supplies power for a 3-phase motor installation. See chart **above**.

For non-interrupting polarizations at 45, 90, 150, 300, 600A ratings, consult Technical Services.