

MaxGard® Interconnection Systems

200 Amp Standard Service

** If receptacle is desired with a Straight Adapter instead of standard Angle Adapter, substitute "S" for the "A" in the catalog number of the Receptacle with Angle Adapter or Adapter and Box.

† Standard cable bushings shown; see **page 34** for other sizes available at no extra cost if specified on order.

†† Always furnished with screw collar. We recommend cup cap with male plug; order catalog number DS2CC.

Maximum lug wire 4/0 AWG 19-strand or flexible, cable entrance .625" diameter.

Receptacles furnished with flap cap also have screw thread to accept male collar on plug.

Catalog numbers shown are for flap cap receptacles; change "DF" to "DS" for ordering screw cap.

Boldface figures are for voltage assignment. For different ratings, see **page 40**.

Outlet furnished at location "B" unless otherwise specified. 3" NPT.

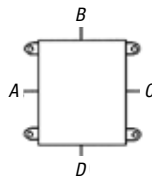
▼ **Control contacts for plug/receptacles:**
Use "K" where noted. Ex: **DS2104MP00K**

For Adapters, Junction Boxes and Accessories, see **pages 34–37**.

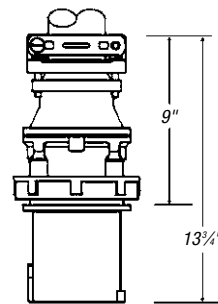
Device Ratings and Polarizations

Maximum 600VAC or 250VDC

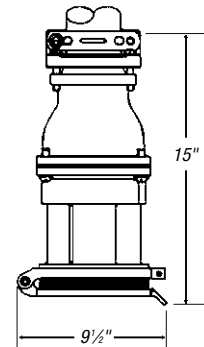
(For full polarization, see **page 40**)



Male Plug††



Female Connector



POLE	WIRE	CONDUCTOR PLACEMENT	VOLTAGE 60 HZ	CAT. NO.	STANDARD BUSHING I.D.†	CAT. NO.	STANDARD BUSHING I.D.†
2	3		277	DS2104MP000	2 1/8"	DF2104FP000	2 1/8"
			125	DS2107MP000		DF2107FP000	
2	3		480	DS2204MP000	2 1/8"	DF2204FP000	2 1/8"
			250	DS2207MP000		DF2207FP000	
			600	DS2214MP000		DF2214FP000	
			208	DS2216MP000		DF2216FP000	
3	4		277/480	DS2304MP000	2 1/4"	DF2304FP000	2 1/4"
			125/250	DS2307MP000		DF2307FP000	
			120/208	DS2316MP000		DF2316FP000	
3	4		3Ø 480	DS2404MP000	2 1/4"	DF2404FP000	2 1/4"
			3Ø 250	DS2407MP000		DF2407FP000	
			3Ø 600	DS2414MP000		DF2414FP000	
			3Ø 208	DS2416MP000		DF2416FP000	
			3Ø 440	DS2421MP000		DF2421FP000	
4	5		3ØY 277/480	DS2504MP000	2 1/2"	DF2504FP000	2 1/2"
			3ØY 347/600	DS2514MP000		DF2514FP000	
			3ØY 110/208	DS2516MP000		DF2516FP000	
			3ØY 250/440	DS2521MP000		DF2521FP000	

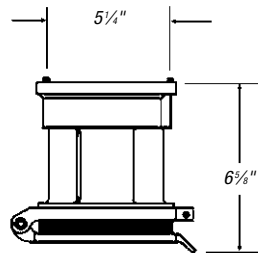
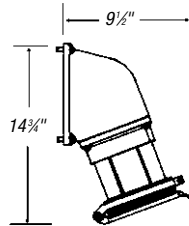
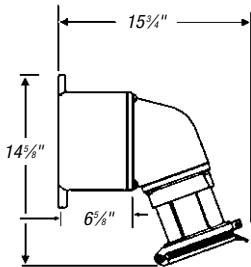
MaxGard® Interconnection Systems



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

Staten Island Ferry

SOLUTION 200 Amp

200A MaxGard® connections
on ferry deck



200A MaxGard® inlets
with disconnects



30A and 200A MaxGard® interlocks



200A MaxGard® interlocks in parallel

Russellstoll® Pin and Sleeve Power Connectors

MaxGard® Interconnection Systems

200 Amp Reverse Service

** If receptacle is desired with a Straight Adapter instead of standard Angle Adapter, substitute "S" for the "A" in the catalog number of the Receptacle with Angle Adapter or Adapter and Box.

† Standard cable bushings shown; see **page 34** for other sizes available at no extra cost if specified on order.

†† Always furnished with screw collar. We recommend cup cap with male plug; order catalog number DS2CC.

Maximum lug wire 4/0 AWG 19-strand or flexible, cable entrance .625" diameter.

Receptacles furnished with flap cap also have screw thread to accept male collar on plug.

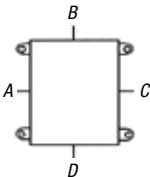
Catalog numbers shown are for flap cap receptacles; change "DF" to "DS" for ordering screw cap.

Boldface figures are for voltage assignment. For different ratings, see **page 40**.

Outlet furnished at location "B" unless otherwise specified. 3" NPT.

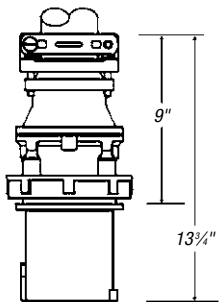
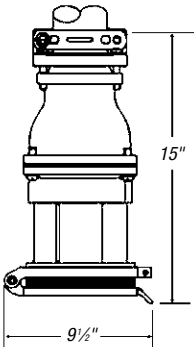
▼ **Control contacts for plug/receptacles:**
Use "K" where noted. Ex: **DS2104MR00K**

For Adapters, Junction Boxes and Accessories,
see **pages 34–37**.



Female Connector

Male Plug††



Device Ratings and Polarizations

Maximum 600VAC or 250VDC

(For full polarization, see **page 40**)

POLE	WIRE	CONDUCTOR PLACEMENT	VOLTAGE 60 HZ	CAT. NO.	STANDARD BUSHING I.D. †	CAT. NO.	STANDARD BUSHING I.D. †
2	3		277	DF2104FP000	2 1/8"	DS2104MP000	2 1/8"
			125	DF2107FP000		DS2107MP000	
2	3		480	DF2204FP000	2 1/8"	DS2204MP000	2 1/8"
			250	DF2207FP000		DS2207MP000	
			600	DF2214FP000		DS2214MP000	
			208	DF2216FP000		DS2216MP000	
3	4		277/480	DF2304FP000	2 1/4"	DS2304MP000	2 1/4"
			125/250	DF2307FP000		DS2307MP000	
			120/208	DF2316FP000		DS2316MP000	
3	4		3Ø 480	DF2404FP000	2 1/4"	DS2404MP000	2 1/4"
			3Ø 250	DF2407FP000		DS2407MP000	
			3Ø 600	DF2414FP000		DS2414MP000	
			3Ø 208	DF2416FP000		DS2416MP000	
			3Ø 440	DF2421FP000		DS2421MP000	
4	5		3ØY 277/480	DF2504FP000	2 1/2"	DS2504MP000	2 1/2"
			3ØY 347/600	DF2514FP000		DS2514MP000	
			3ØY 110/208	DF2516FP000		DS2516MP000	
			3ØY 250/440	DF2521FP000		DS2521MP000	

MaxGard® Interconnection Systems



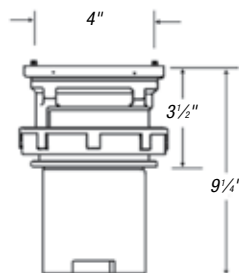
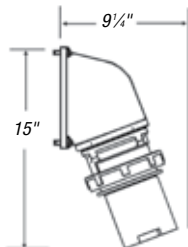
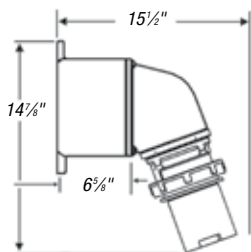
Male Inlet with
Angle Enclosure



Male Inlet with
Angle Adapter**



Male Inlet††



CAT. NO.	CAT. NO.	CAT. NO.
DS2104MRAB0	DS2104MRA00	DS2104MR000
DS2107MRAB0	DS2107MRA00	DS2107MR000
DS2204MRAB0	DS2204MRA00	DS2204MR000
DS2207MRAB0	DS2207MRA00	DS2207MR000
DS2214MRAB0	DS2214MRA00	DS2214MR000
DS2216MRAB0	DS2216MRA00	DS2216MR000
DS2304MRAB0	DS2304MRA00	DS2304MR000
DS2307MRAB0	DS2307MRA00	DS2307MR000
DS2316MRAB0	DS2316MRA00	DS2316MR000
DS2404MRAB0	DS2404MRA00	DS2404MR000
DS2407MRAB0	DS2407MRA00	DS2407MR000
DS2414MRAB0	DS2414MRA00	DS2414MR000
DS2416MRAB0	DS2416MRA00	DS2416MR000
DS2421MRAB0	DS2421MRA00	DS2421MR000
DS2504MRAB0	DS2504MRA00	DS2504MR000
DS2514MRAB0	DS2514MRA00	DS2514MR000
DS2516MRAB0	DS2516MRA00	DS2516MR000
DS2521MRAB0	DS2521MRA00	DS2521MR000

MMI Trailer



SOLUTION 200 Amp

Application:

Electrical hook-up of mobile medical imaging (MMI) trailers

Mobile medical units provide trailer-transportable blood banks, dental clinics, magnetic resonance imaging (MRI), X-ray and other diagnostic equipment to many hospitals and clinics throughout the country on a regular leased basis. Safe outdoor usage connections are required for up to 200-amp power supplies at each facility. Major specialized custom trailer manufacturers rely on the MaxGard® 200-amp interface.

Installation:

Site-mounted 200-amp receptacles with trailer-mounted plugs and connectors

When a mobile medical unit trailer is at the desired location, a heavy-duty MaxGard® 200-amp cable assembly connects the trailer with a corresponding receptacle or connector at each site, usually mounted on an outside wall. A primary safety feature is the receptacle's gated deadfront construction that ensures no exterior access to live receptacle contacts. With so many different hands involved on a daily basis, the MaxGard epoxy powder-coat finish and rugged waterproof construction provide hospital-safe long service life.