

## Max-Gard interconnection systems

Cable bushings for Max-Gard plugs and connectors



Size No. 3 and 6  
(identification letter  
inside hole)



Size No. 10, 20 and 40

- To order non-standard bushing, add cable bushing number to the end of a catalog number. The bushing is furnished at no additional cost at time of order.

**Ex: DF2504FP000/DF2032.**

- Shaded areas show cable bushings provided with a strain-relief neck; larger bushings are collar style.

### Cable bushings for Max-Gard plugs and connectors

Hole diameter for cable (in.)	Size 3 30 A	Size 6 60 A	Size 10 100 A	Size 20 200 A	Size 40 400 A
0.625	<b>JG63</b>	–	–	–	–
0.750	<b>JG64</b>	<b>JG104</b>	–	–	–
0.875	Std. 2P3W <b>JG65</b>	<b>JG105</b>	–	–	–
1.000	Std. 2P3W <b>JG66</b>	<b>JG106</b>	<b>DF1020</b>	<b>DF2020</b>	–
1.188	Std. 3P4W <b>JG67</b>	Std. 2P3W <b>JG107</b>	<b>DF1022</b>	<b>DF2022</b>	–
1.313	–	Std. 3P4W <b>JG108</b>	<b>DF1024</b>	<b>DF2024</b>	–
1.375	<b>JG69</b>	–	–	–	–
1.500	<b>JG610</b>	Std. 4P5W <b>JG1010</b>	<b>DF1026</b>	<b>DF2026</b>	–
1.625	–	–	–	–	–
1.688	–	<b>JG1011</b>	Std. 2P3W <b>DF1027</b>	<b>DF2027</b>	–
1.813	–	–	Std. 3P4W <b>DF1029</b>	<b>DF2029</b>	–
1.875	–	<b>JG1013</b>	<b>DF1030</b>	Std. 2P3W <b>DF2032</b>	–
2.000	–	–	Std. 4P5W <b>DF1032</b>	–	–
2.125	–	–	–	Std. 3P4W <b>DF2034</b>	–
2.250	–	–	–	Std. 4P5W <b>DF2036</b>	–
2.500	–	–	–	<b>DF2040</b>	–
2.625	–	–	–	–	<b>DF4042</b>
2.750	–	–	–	–	<b>DF4044</b>
3.000	–	–	–	–	Std. 3P4W <b>DF4048</b>
3.250	–	–	–	–	Std. 4P5W <b>DF4054</b>

#### Standard cable bushings

Notes: When ordering, select bushing size slightly larger than your cable O.D. for best fit.  
Material – Neoprene

## Max-Gard interconnection systems

Adapters for conduit and fittings & replacement flap covers and screw covers



JPA conduit adapters

- Adapters are tapped NPT standard pipe thread to accommodate rigid conduit or standard connectors for armored and non-metallic cable or flexible conduit.

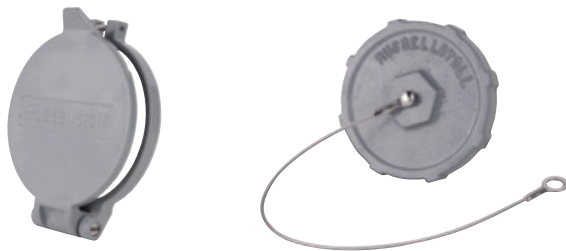
### Adapters for conduit and fittings

30 Amp cat. no.	Tapped hole size NPT (in.)	60 Amp cat. no.	Tapped hole size NPT (in.)	100 Amp cat. no.	Tapped hole size NPT (in.)	200 Amp cat. no.	Tapped hole size NPT (in.)	400 Amp cat. no.	Tapped hole size NPT (in.)
JPA62	¾	JPA104	1¼	DFA14	1¼	DFA25	1½	DFA46	2
JPA63	1	JPA105	1½	DFA15	1½	DFA26	2	DFA47	2½
JPA64	1¼	JPA106	2	DFA16	2	DFA27	2½	DFA48	3
JPA65	1½	-	-	-	-	-	-	-	-

Material – Cast aluminum, corrosion-resistant copper-free alloy, electrostatic epoxy coated. Furnished complete with gasket and screws.

To specify standard plugs or connectors equipped with one of the above adapters, add the catalog number of the adapter selected to the catalog number of the plug or connector. Complete list price is the list price of the device plus list price of the adapter.

Ex.: Cat. no. DS3107MP000 with adapter tapped 1 would be Cat. no. DS3107MP000/JPA63.



DFC6

DSC6

- For connectors, receptacles and interlocks.









### Replacement flap covers and screw covers

Cat. no.	Description	Amperage
DFC3	Flap cover assembly (weathertight)	30
DFC6	Flap cover assembly (weathertight)	60
DFC10	Flap cover assembly (weathertight)	100
DFC20	Flap cover assembly (weathertight)	200
DFC40	Flap cover assembly (weathertight)	400
DSC3	Screw cap and STS – Lanyard assembly (watertight)	30
DSC6	Screw cap and STS – Lanyard assembly (watertight)	60
DSC10	Screw cap and STS – Lanyard assembly (watertight)	100
DSC20	Screw cap and STS – Lanyard assembly (watertight)	200
DSC40	Screw cap and STS – Lanyard assembly (watertight)	400

## Max-Gard interconnection systems

### Accessories for receptacles

#### Accessories for receptacles

Description	30 A Cat. no.	60 A Cat. no.	100 A Cat. no.	200 A Cat. no.	400 A Cat. no.
<b>Cup caps</b>					
 <p>For watertight plugs/inlets. Cup caps are used where portable equipment is on a standby basis and plugs are not in use. Effectively protect insulation and contacts from excessive moisture, dirt, dust and corrosion. Material – Cast aluminum, corrosion-resistant copper-free alloy, electrostatic epoxy coated with steel braid cable attached.</p>	DS3CC	DS6CC	DS1CC	DS2CC	DS4CC
<b>Adapter flush frames – Single gang</b>					
 <p>Provide suitable means for mounting box covers of junction box receptacles flush in a wall.</p>	JFA3	JFA6	JFA10	JFA20	-
<b>Adapters for conduit box receptacles</b>					
 <p>Adapters to fit existing boxes and for special mounting requirements can also be furnished. Consult your ABB representative.</p>					
 <p>20° Vertical angle adapter</p>	JAA6-AB6	JAA10	DAA10	DAA20	-
<p>30° Vertical angle adapter</p>	-	-	-	-	DAA40
<p>45° Vertical angle adapter</p>	JAA6-45	JAA10-45	-	-	-
<p>Straight adapter</p>	JRA6-AB6	JRA10	DRA10	DRA20	DRA40
<b>Junction box – Single gang</b>					
	JB6-1	JB10-B150	JB10-B200	DJB20	DJB40
<b>Angle enclosure</b>					
	JE6	JE10	JE10M	-	-
<b>MACK adapter plates</b>					
 <p>Enables mounting of Max-Gard receptacles to competitive existing back boxes. This involves removing the existing non-hazardous location receptacle from back box, inserting adapter plate and installing Max-Gard receptacle. Adapter plates are available for competitors' boxes including Hubbel, Killark, Appleton and Crouse-Hinds.</p>	DCCA3	DCCA6	DCCA10	DCCA20	-
<b>Russellstoll adapter plates</b>					
 <p>Adapt Max-Gard receptacles to existing J-Line, angle type and heavy-service Ever-Lok back boxes.</p>	DRCA3	DRCA6	DRCA10	-	-

## Max-Gard interconnection systems

Replacement interiors for receptacles, connectors, plugs and male inlets



### Replacement interiors for receptacles, connectors, plugs and male inlets

Rating	Poles/ wires	Voltage polarization (V AC)	Corresponding male interior assembly		Corresponding female interior assembly	
			Plug/inlet	Male interior	Connector/receptacle*	Female interior
30 A	2P3W	125	DS3107MP000	DFPU3107	DF3107FP000	DFRU3107
	2P3W	250	DS3207MP000	DFPU3207	DF3207FP000	DFRU3207
	3P4W	125/250	DS3307MP000	DFPU3307	DF3307FP000	DFRU3307
	3P4W	3-ph 480	DS3404MP000	DFPU3404	DF3404FP000	DFRU3404
	4P5W	277/480	DS3504MP000	DFPU3504	DF3504FP000	DFRU3504
60 A	2P3W	250	DS6207MP000	DFPU6207	DF6207FP000	DFRU6207
	3P4W	125/250	DS6307MP000	DFPU6307	DF6307FP000	DFRU6307
	3P4W	3-ph 480	DS6404MP000	DFPU6404	DF6404FP000	DFRU6404
	4P5W	277/480	DS6504MP000	DFPU6504	DF6504FP000	DFRU6504
100 A	2P3W	250	DS1207MP000	DFPU1207	DF1207FP000	DFRU1207
	3P4W	125/250	DS1307MP000	DFPU1307	DF1307FP000	DFRU1307
	3P4W	3-ph 480	DS1404MP000	DFPU1404	DF1404FP000	DFRU1404
	4P5W	277/480	DS1504MP000	DFPU1504	DF1504FP000	DFRU1504
200 A	3P4W	277/480	DS2304MP000	DFPU2304	DF2304FP000	DFRU2304
	3P4W	3-ph 480	DS2404MP000	DFPU2404	DF2404FP000	DFRU2404
	4P5W	277/480	DS2504MP000	DFPU2504	DF2504FP000	DFRU2504
400 A	3P4W	277/480	DS4304MP000	DFPU4304	DF4304FP000	DFRU4304
	3P4W	3-ph 480	DS4404MP000	DFPU4404	DF4404FP000	DFRU4404
	4P5W	277/480	DS4504MP000	DFPU4504	DF4504FP000	DFRU4504

Note: For other interiors not shown, use same polarization index as plug, connector, etc. Ex: DS6416MP000 plug uses a DFPU6416 interior. If your original product had option "K - Control Contacts," include a "K" at the end of the replacement part number. Ex: If your plug/inlet is a DS3404MP00K, then the male replacement interior would be a DFPU3404K. If your connector/receptacle is a DF3404FP00K, then your female replacement/interior would be a DFRU3404K.

\* To order replacement interior parts for the Max-Gard Interlock, replace "DFRU" with "DFIU".

## Accessories for interlocked NEMA 12/3R receptacles

### Accessories for interlocked NEMA 12/3R receptacles

Description	30 A	60 A	100 A	200 A	400 A
	Cat. no.	Cat. no.	Cat. no.	Cat. no.	Cat. no.
<b>Fused disconnect interlocked receptacle with safety switch 30-100 A</b>					
1 NO - 1 NC contact	F34757	F34757	F34757	-	-
2 NO - 2 NC contact	F34758	F34756B	-	-	-
Copper body lugs - 6 lugs per kit	F34756A	F34756B	F34756C	-	-
Type R fuse clips - 3 per kit	F34755A	F34755B	F34755C	-	-
Neutral block	F34754A	F34754B	F34754B	-	-