



OVERVIEW

PRODUCT OVERVIEWS

**XP STAR★LINE**  
**Aluminum Victory 'GD'**  
**Series Power Connectors**  
*Quick Disconnect*

2 Pole, 3 Wire; 3 Pole, 4 Wire  
 3 Pole, 4 Wire + 2 Relays; 4 Pole, 5 Wire

Class I, Div. 1, Groups B, C & D  
 30, 60, 100 and 200 AMPS  
 600 VAC, 60/400 Hz  
 Standard and Reverse Service  
 Circuit Breaking

II 2 G D, Ex d IIC  
 -20°C ≤ Ta ≤ +50°C  
 IP 66/67 T70°C.  
 32, 63, 125 and 260 AMPS  
 1000 Vac / 500 Vdc; 50/60/400 Hz

**XP STAR★LINE**  
**Aluminum Victory 'AF'**  
**Series Control Connectors**

10 thru 100 Contacts  
 18-12 AWG  
 Silver or Gold Plated Contacts  
 Standard and Reverse Service  
 Quick Disconnect

Class I, Div. 1, Groups B, C & D  
 250 VAC Circuit Breaking  
 480 VAC Non-Circuit Breaking  
 60/400 Hz

II 2 G D, Ex d IIC  
 -20°C ≤ Ta ≤ +50°C  
 IP 66/67 T70°C.  
 10, 15, 20, and 30 AMPS  
 250 VAC / 125 VDC; 50/60/400 Hz

**XP STAR★LINE**  
**Stainless Steel Millennium Series**  
**'SD' Power & 'SF' Control Connectors**  
*Quick Disconnect*

Power & Control in Corrosion Resistant  
 Stainless Steel  
 Standard and Reverse Service

Class I, Div. 1, Groups B, C & D  
 30, 60, 100 and 200 AMPS  
 600 VAC, 60/400 Hz  
 Circuit Breaking

II 2 G D, Ex d IIC  
 -20°C ≤ Ta ≤ +50°C  
 IP 66/67 T70°C.  
 32, 63, 125 and 260 AMPS  
 1000 VAC / 500 VDC; 50/60/400 Hz

**Aircraft and Ground Power**  
*Quick Disconnect*

Single and Duplex  
 2 Pole, 3 Wire  
 3 Pole, 4 Wire  
 4 Pole, 5 Wire  
 3 Pole, 4 Wire + 2 Relays

30, 60, 100 & 200 AMPS  
 600 VAC, 60/400 Hz  
 Class I, Div. 1, Groups B, C & D  
 Circuit Breaking

II 2 G D, Ex d IIB + H2  
 -20°C ≤ Ta ≤ +50°C  
 IP 66/67 T70°C.  
 32, 63, 125 and 260 AMPS  
 1000 VAC / 500 VDC; 50/60/400 Hz

**STRATE LINE®**  
*Delayed Action*

Circuit Breaking Delayed Action  
 Class I, Division 1, Group C & D

2 Pole, 3 Wire  
 3 Pole, 4 Wire

20 Amperes, 120 or 240 VAC  
 60 Hz

30 Amperes, 120 or 240 VAC;  
 7 Amperes, 480 VAC  
 60 Hz

**STRATE LINE®**  
*Interlocked*

Interlocked Tumbler Switch  
 Explosionproof and Dust-tight

Class I, Division 1, Group D;  
 Class II, Division 1, Groups F and G:

2 Pole, 3 Wire  
 30 Amp, 250 VAC  
 1 HP, 460 VAC  
 2 HP, 240 VAC

3 pole, 4 Wire  
 20 Amp, 460 VAC  
 30 Amp, 250 VAC  
 2 HP, 240 VAC or 480 VAC

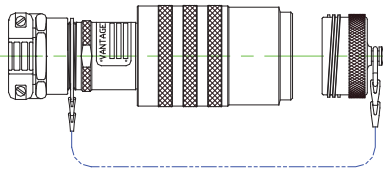
# EXPLOSIONPROOF STARLINE



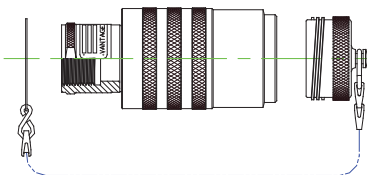
## XP STARLINE FEATURES

The **Vantage** Star-Line Series of explosionproof connectors is offered in a variety of materials and configurations. Product options and an array of third party listings mean we have a solution for your application. Note, options and features may vary based on third party listing.

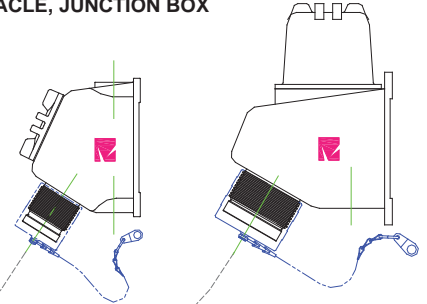
PLUG, ATTACHMENT



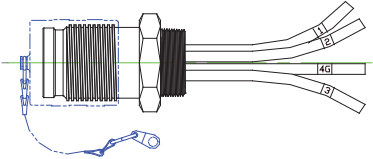
PLUG, TAPPED NPT



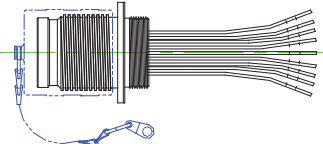
RECEPTACLE, JUNCTION BOX



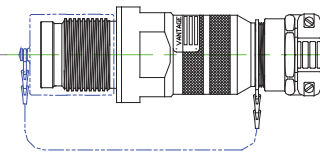
RECEPTACLE, NPT



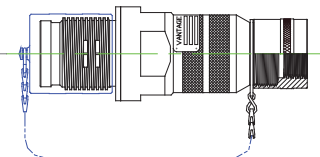
RECEPTACLE, PANEL MOUNT



RECEPTACLE, ATTACHMENT



RECEPTACLE, TAPPED NPT



### Features

- **Sealing.** All junction box, NPT and panel mount receptacles are pre-wired and factory sealed eliminating the need for external seals.
- **Purged / Pressurized Systems.** Factory sealing makes our receptacles ideal for use with these technologies.

### Options

- **Covers.** Environmental threaded covers are standard with all connectors.
- **Pigtails.** Receptacle leads may be ordered in any length.
- **Gender.** Connectors can be supplied with reverse service inserts when lineside power is carried in the plug to the receptacle.
- **Keying.** Inserts can be keyed for phase and voltage separation.
- **Color Coding.** Connectors may be ordered in a range of colors and combinations of color.
- **Custom Assemblies.** Are available to user's specifications.

VICTORY SERIES MACHINED, HARD ANODIZED ALUMINUM			
GD POWER PAGE CN46	II 2 GD EEx d IIC T6 IP 66/67 T 70°C	Class I, Division 1, Groups B, C & D Class II, Division 1, Groups F & G	Class I, Division 1, Groups C & D
AF CONTROL PAGE CN48			
MILLENNIUM SERIES STAINLESS STEEL, ALLOY 316			
SD POWER PAGE CN51	II 2 GD EEx d IIC T6 IP 66/67 T 70°C	Class I, Division 1, Groups B, C & D Class II, Division 1, Groups F & G	
SF CONTROL PAGE CN51			Class I, Division 1, Groups B, C & D Class II, Division 1, Groups F & G



FEATURES • ALUMINUM VICTORY GD SERIES POWER

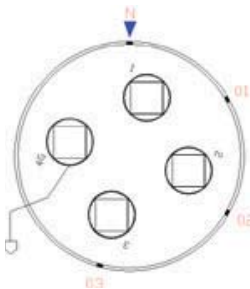


Ratings & Certifications:

- Class I, Div. 1 & 2, Groups C & D at 480VAC; 60/400 Hz, Circuit-Breaking
- Class I, Div 1 & 2, Groups B, C & D Class II, Div.1, Groups F & G at 600VAC, 60/400 Hz, Circuit-Breaking. AEx d IIC T6
- II 2 GD Ex d IIC IP 66/67 T 70°C 1000VAC, 500VDC

**PRODUCT FEATURES**

- **Power Inserts:** 30 to 260 amp rated for service through 600VAC
- **Circuit-Breaking:** UL and CSA Listed to make/break at full rated load, these connectors were required to pass an overload test of 50 cycles at 150% of their ampere rating in a chamber filled with a test mixture of hazardous vapors.
- **Corrosion Resistance** Designed for corrosive environments, junction boxes are sand cast, copper-free aluminum, protected by our VanGuard baked polymer finish system. Plug and receptacle shells are machined from 6061-T6 aluminum (0.15 to 0.40% copper by weight) and finished by hard anodizing to exceed corrosion resistance requirements per MIL-STD 202, Method 101, Condition D.
- **Alternate Keyed Inserts** For added safety, inserts can be keyed in alternate positions to prevent mating of differing voltages, frequencies or services.
- **Factory Sealing** Junction box, NPT and panel-mounted receptacles are pre-wired and factory sealed. No external seals are required.
- **Insert Patterns** Grounding inserts with 3, 4, 5, and 6 contacts are described as 2 Pole 3 Wire, 3 Pole 4 Wire, 4 Pole 5 Wire, and 3 Pole 4 Wire plus 2 relay length contacts. The ground pin is longer and will make first - break last, an important safety feature.
- **Reverse Service** GD connectors were the first explosionproof connectors to secure both UL and CSA listing with reverse service inserts. Their ATEX listing also supports reverse service. This feature provides electrical safety where lineside power is carried from the plug to a receptacle.
- **Color Coding** Plugs and receptacles are available with color coding variations for specific application identification. This coding could include the plug coupling nut and cover with matching colors on various receptacle components.



**INSERT GDU-28-31**

KEY NUMBER	KEY POSITION
N	0°
01	60°
02	120°
03	195°

PIN NUMBER 4 IS POLARIZED



RECEPTACLE STYLES				
JUNCTION BOX	ATTACHMENT	PANEL MOUNT	NPT MOUNT	TAPPED FLEXIBLE CONDUIT

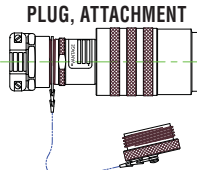
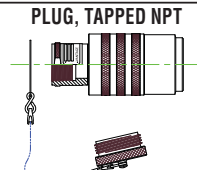
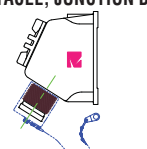
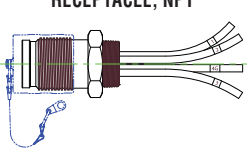
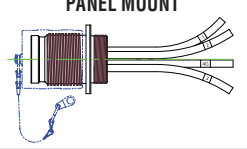
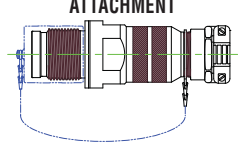
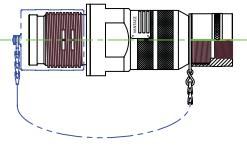


# CONNECTORS

EXPLOSIONPROOF STARLINE



## GD PART NUMBERS

	AMPERES		2 POLE, 3 WIRE	3 POLE, 4 WIRE	3 POLE, 4 WIRE + 2 RELAY	4 POLE, 5 WIRE
	UL	Ex				
<b>PLUG, ATTACHMENT</b> 	30 / 32		GD-D1016-51PL-XX	GD-D1016-23PL-XX		GD-D1020-36PL-XX
	60 / 63		GD-D1020-61PL-XX	GD-D1020-40PL-XX	GD-D1020-56PL-XX	GD-D1024-29PL-XX
	100 / 125		GD-D1024-60PL-XX	GD-D1024-39PL-XX	GD-D1024-32PL-XX	GD-D1028-23PL-XX
	200 / 260		GDU-D1028-30PL-XX	GDU-D1028-31PL-XX	GDT-D1028-42PL-XX	
<b>PLUG, TAPPED NPT</b> 	30 / 32		GD-D1016-51PL-TC	GD-D1016-23PL-TC		GD-D1020-36PL-TC
	60 / 63		GD-D1020-61PL-TC	GD-D1020-40PL-TC	GD-D1020-56PL-TC	GD-D1024-29PL-TC
	100 / 125		GD-D1024-60PL-TC	GD-D1024-39PL-TC	GD-D1024-32PL-TC	GD-D1028-23PL-TC
	200 / 260		GDU-D1028-30PL-TC	GDU-D1028-31PL-TC	GDT-D1028-42PL-TC	
<b>RECEPTACLE, JUNCTION BOX</b> 	30 / 32		GD-B1716-51SL-FH	GD-B1716-23SL-FH		GD-B1720-36SL-FH
	60 / 63		GD-B1720-61SL-FH	GD-B1720-40SL-FH	GD-B1720-56SL-FH	GD-B1724-29SL-BK
	100 / 125		GD-B1724-60SL-BK	GD-B1724-39SL-BK	GD-B1724-32SL-BK	GD-B1728-23SL-BL
	200 / 260		GDU-B1728-30SL-BL	GDU-B1728-31SL-BL	GDT-B1728-42SL-BL	
<b>RECEPTACLE, NPT</b> 	30 / 32		GD-B1916-51SL-L48	GD-B1916-23SL-L48		GD-B1920-36SL-L48
	60 / 63		GD-B1920-61SL-L48	GD-B1920-40SL-L48	GD-B1920-56SL-L48	GD-B1924-29SL-L48
	100 / 125		GD-B1924-60SL-L48	GD-B1924-39SL-L48	GD-B1924-32SL-L48	GD-B1928-23SL-L48
	200 / 260		GDU-B1928-30SL-L48	GDU-B1928-31SL-L48	GDT-B1928-42SL-L48	
<b>RECEPTACLE, PANEL MOUNT</b> 	30 / 32		GD-B1716-51SL-L36	GD-B1716-23SL-L36		GD-B1720-36SL-L36
	60 / 63		GD-B1720-61SL-L36	GD-B1720-40SL-L36	GD-B1720-56SL-L36	GD-B1724-29SL-L36
	100 / 125		GD-B1724-60SL-L36	GD-B1724-39SL-L36	GD-B1724-32SL-L36	GD-B1728-23SL-L36
	200 / 260		GDU-B1728-30SL-L36	GDU-B1728-31SL-L36	GDT-B1728-42SL-L36	
<b>RECEPTACLE, ATTACHMENT</b> 	30 / 32		GD-B1516-51SL-XX	GD-B1516-23SL-XX		GD-B1520-36SL-XX
	60 / 63		GD-B1520-61SL-XX	GD-B1520-40SL-XX	GD-B1520-56SL-XX	GD-B1524-29SL-XX
	100 / 125		GD-B1524-60SL-XX	GD-B1524-39SL-XX	GD-B1524-32SL-XX	GD-B1528-23SL-XX
	200 / 260		GDU-B1528-30SL-XX	GDU-B1528-31SL-XX	GDT-B1528-42SL-XX	
<b>RECEPTACLE, TAPPED NPT</b> 	30 / 32		GD-B1516-51SL-TC	GD-B1516-23SL-TC		GD-B1520-36SL-TC
	60 / 63		GD-B1520-61SL-TC	GD-B1520-40SL-TC	GD-B1520-56SL-TC	GD-B1524-29SL-TC
	100 / 125		GD-B1524-60SL-TC	GD-B1524-39SL-TC	GD-B1524-32SL-TC	GD-B1528-23SL-TC
	200 / 260		GDU-B1528-30SL-TC	GDU-B1528-31SL-TC	GDT-B1528-42SL-TC	

Replace 'XX' with cable diameter code number from Page CN66  
 Pre-wired lead length can be specified to suit application. Consult factory  
 See pages CN71 and CN77 for Part Number Code Logic