



Harsh Locations

SECTION



# Harsh Locations



Harsh Locations

Conduit Outlet Bodies

Conduit Outlet Bodies.....	14
GUA Junction Boxes.....	14
Capped Elbows.....	15
Control Station Device Bodies.....	15
Seal-Offs.....	15
Chico®.....	15

Pin & Sleeve Devices

Appleton Devices.....	16
Eaton Devices.....	16
Killark Devices.....	16

LED

High Bays.....	17
Floods.....	17
Light Poles.....	17
Low Bays.....	17

Cast Device Boxes

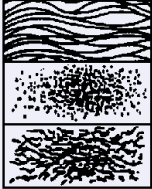
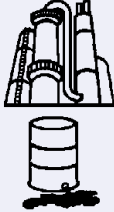
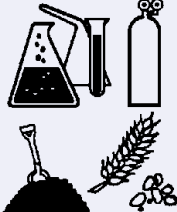
Cast Device Boxes.....	18
Non-Hazardous Location Drains.....	18
Ark-Gard® Plugs and Receptacles.....	18

Cable Glands

Armored.....	19
Non-Armored.....	19

Enclosures

Clamped.....	110
Lighting and Heat Tracing Panelboards.....	110

Classes	Divisions	Groups
<p><b>CLASS I</b> GAS</p> <p><b>CLASS II</b> DUST</p> <p><b>CLASS III</b> FIBERS</p> 	<p><b>DIV 1</b> NORMAL</p> <p><b>DIV 2</b> ABNORMAL</p> 	<p><b>A, B, C, D</b></p> <p><b>E, F, G</b></p> 

### DEFINITIONS

**HAZARDOUS LOCATION [Nec 500]** - An area where the possibility of explosion and fire is created by the presence of flammable gases, vapors, dusts, fibers or flyings.

**CLASS I [NEC-500.5(b)]** - Those areas in which flammable gases or vapors are or may be present in the air in quantities sufficient to produce explosive or ignitable mixtures.

**CLASS II [NEC-500.5(c)]** - Those areas made hazardous by the presence of combustible dust.

**CLASS III [NEC-500.5(d)]** - Those areas that are hazardous because of the presence of easily ignitable fibers or flyings, but in which such fibers or flyings are not likely to be in suspension in the air in quantities sufficient to produce ignitable mixtures.

**DIVISION 1 [NEC-500.5(b)(1), 500.5(c)(1), 500.5(d)(1)]** - Division One in the normal situation, the hazard would be expected to be present in everyday production operations or during frequent repair and maintenance activity.

**DIVISION 2 [NEC-500.5(b)(2), 500.5(c)(2), 500.5(d)(2)]** - Division Two in the abnormal situation, material is expected to be confined within closed containers or closed systems and will be present only through accidental rupture, breakage, or unusual faulty operation.

**GROUPS [NEC-500.6(a)(1,2,3,4) & 500.6(b) (1,2,3)]** - The gases of vapors of Class I locations are broken into four groups by the code, A, B, C, and D. These materials are grouped according to the ignition temperature of the substance, its explosion pressure and other flammable characteristics.

Class II - dust locations - groups E, F, and G. These groups are classified according to the ignition temperature and the conductivity of the hazardous substance.

**SEALS (NEC-501.15 & 502.15)** - Special fittings that are required either to prevent the passage of hot gasses in the case of an explosion in a Class I area of the passage of combustible dust, fibers, or flyings in a Class II or III area.

**ARTICLES 500 Through 504 (2005 NEC)** - Explains in detail the requirements for the installation of wiring of electrical equipment in hazardous locations. These articles along with other applicable regulations, local governing inspection authorities, insurance representatives, and qualified engineering/technical assistance should be your guides to the installation of wiring or electrical equipment in any hazardous or potentially hazardous location.

### TYPICAL CLASS I LOCATIONS:

- Petroleum refineries, and gasoline storage and dispensing areas.
- Industrial firms that use flammable liquids in dip tanks for parts cleaning or other operations.
- Petrochemical companies that manufacture chemicals from gas and oil.
- Dry cleaning plants where vapors from cleaning fluids can be present.
- Companies that have spraying areas where they coat products with paint or plastics.
- Aircraft hangars and fuel servicing areas.
- Utility gas plants, and operations involving storage and handling of liquefied petroleum gas or natural gas.

### TYPICAL CLASS II LOCATIONS:

- Grain elevators, flour and feed mills.
- Plants that manufacture, use, or store magnesium or aluminum powders.
- Plants that have chemical or metallurgical processes of plastics, medicines and fireworks, etc.
- Producers of starch or candies.
- Spice-grinding plants, sugar plants and cocoa plants.
- Coal preparation plants and other carbon-handling or processing areas.

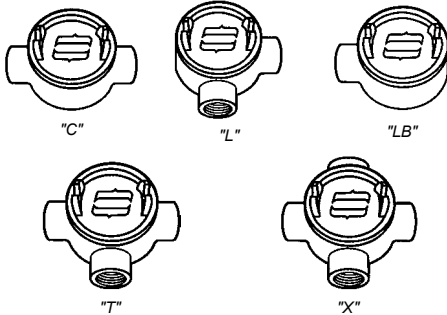
### TYPICAL CLASS III LOCATIONS:

- Textile mills, cotton gins, cotton seed mills, and flax processing plants.
- Any plant that shapes, pulverizes, or cuts wood and creates sawdust or flyings.

Note: Fibers and flyings are not likely to be suspended in the air, but can collect around machinery or on lighting fixtures and where heat, a spark, or hot metal can ignite them.

## CONDUIT OUTLET BODIES

CLASS I, GROUPS C & D  
CLASS II, GROUPS E, F & G  
CLASS III



Vendor Code: **CRS**

Catalog Number	Conduit Size	Style Size	Cubic in. (in <sup>3</sup> )	Price Each
<b>3" COVER OPENING</b>				
GUAC16	1/2"	C	13.3	134.77
GUAL16	1/2"	L	13.3	134.77
GUAB16	1/2"	LB	13.3	134.77
GUAT16	1/2"	T	13.3	142.70
GUAX16	1/2"	X	13.3	149.06
GUAC26	3/4"	C	13.5	142.70
GUAL26	3/4"	L	13.5	142.70
GUAB26	3/4"	LB	13.5	142.70
GUAT26	3/4"	T	13.5	151.63
GUAX26	3/4"	X	13.5	159.56
GUAC36	1"	C	15.5	149.06
GUAL36	1"	L	15.5	149.06
GUAB36	1"	LB	15.5	149.06
GUAT36	1"	T	15.5	151.69
GUAX36	1"	X	15.5	174.75
<b>5" COVER OPENING</b>				
GUAC49	1-1/4"	C	76.0	528.12
GUAL49	1-1/4"	L	80.0	570.34
GUAT49	1-1/4"	T	76.0	557.59
GUAX49	1-1/4"	X	80.0	576.57
GUAC59	1-1/2"	C	77.8	500.65
GUAL59	1-1/2"	L	77.8	500.65
GUAB59	1-1/2"	LB	76.0	500.65
GUAT59	1-1/2"	T	77.8	509.58
GUAX59	1-1/2"	X	77.8	567.27
GUAC69	2"	C	80.0	531.51
GUAL69	2"	L	80.0	514.01
GUAB69	2"	LB	80.0	531.59
GUAT69	2"	T	80.0	526.20
GUAX69	2"	X	80.0	598.28

## GUA JUNCTION BOXES WITH UNION HUBS



Vendor Code: **CRS**

Catalog Number	Description	Cubic in. (in <sup>3</sup> )	Price Each
GUAG7775	3/4" Hubs	22.8	474.67
GUAG8885	1" Hubs	22.8	525.92
GUAH7775	3/4" Hubs	23.5	651.01

Class I Groups C & D. Class II Groups E, F, & G. Class III.

## FLEXIBLE COUPLINGS



Vendor Code: **CRS**

Catalog Number	Size	Price Each
ECLK112	1/2" X 12"	491.00
ECLK118	1/2" X 18"	589.86
ECLK212	3/4" X 12"	607.39
ECLK218	3/4" X 18"	749.39

Class I groups A, B, C, & D. Class II groups E, F, & G. Class III. Other Sizes and Lengths Available. See Store for Details.

## UNIONS

CLASS I, GROUPS C & D  
CLASS II, GROUPS E, F, & G  
CLASS III



UNY



UNF

Vendor Code: **CRS**

Catalog Number	Description	Carton Quantity	Price Each
<b>FEMALE/FEMALE HUB</b>			
UNF105*	1/2" Steel	10	30.67
UNF205*	3/4" Steel	10	42.24
UNF305*	1" Steel	5	76.39
UNF405	1-1/4" Feraloy	5	114.91
UNF505	1-1/2" Feraloy	5	147.59
UNF605	2" Feraloy	2	189.68
UNF705	2-1/2" Feraloy	1	295.97
UNF805	3" Feraloy	1	424.93
UNF905**	3-1/2" Feraloy	1	672.23
UNF1005**	4" Feraloy	1	749.38
<b>MALE/FEMALE HUB</b>			
UNY105*	1/2" Steel	10	33.31
UNY205*	3/4" Steel	10	47.38
UNY305*	1" Steel	5	80.88
UNY405	1-1/4" Feraloy	5	123.80
UNY505	1-1/2" Feraloy	2	160.82
UNY605	2" Feraloy	2	207.26
UNY705	2-1/2" Feraloy	1	334.89
UNY805	3" Feraloy	1	454.71
UNY905**	3-1/2" Feraloy	1	763.62
UNY1005**	4" Feraloy	1	804.25

\*Suitable for Class I Groups A, B, C, and D  
\*\*Suitable for Class I, Groups B, C, and D

**EATON**  
Crouse-Hinds series

Harsh Locations

## Capped Elbows · Control Station Device Bodies and Covers · Thread Lubricants

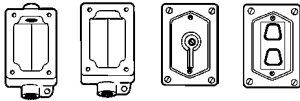
### CAPPED ELBOWS TYPE "LBY"


 Vendor Code: **CRS**

Catalog Number	Description	Carton Quantity	Price Each
<b>LBY15</b>	1/2" Feraloy	10	46.67
<b>LBY25</b>	3/4" Feraloy	5	56.97
<b>LBY35</b>	1" Feraloy	5	62.58

Class I groups C and D, Class II groups E, F, and G, Class III.

### CONTROL STATION DEVICE BODIES AND COVERS CLASS I, GROUPS C & D CLASS II, GROUPS E, F & G CLASS III


 Vendor Code: **CRS**

Catalog Number	Description	Price Each
<b>CONTROL STATION DEVICE BODIES**</b>		
<b>EDS271</b>	3/4" Dead End	144.71
<b>EDSC271</b>	3/4" Feed Through	154.41
<b>EDS371</b>	1" Dead End Single Gang	152.14
<b>EDSC371</b>	1" Feed Through Single Gang	168.84
<b>EDS272</b>	3/4" Dead End Double Gang	284.28
<b>EDSC272</b>	3/4" Feed Thr. Double Gang	355.31
<b>EDS372</b>	1" Dead End Double Gang	291.69
<b>EDSC372</b>	1" Feed Thr. Double Gang	344.52
<b>COVER &amp; DEVICE SUB-ASSEMBLIES</b>		
<b>DSD918</b>	Single PB 1NO / 1NC	486.23
<b>DSD922</b>	Start/Stop 2NO / 2NC	522.18
<b>DSD918S769EMSP</b>	1 Circuit Emrg Stop Pushbutton*	709.46
<b>DSD923</b>	2 Circuit 2 Position Selector Switch	450.87
<b>DSD925</b>	2 Circuit 3 Position Selector Switch	455.43
<b>DSD933</b>	20A, 120/277V 1-Pole Toggle	310.14
<b>DSD917</b>	30 Amp 3 Pole Snap Switch	820.33
<b>COMPLETE ASSEMBLIES (BODY, COVER, &amp; DEVICE)</b>		
<b>EDS21273</b>	3/4" Dead End w/ 3 Position 2 Circuit Selector Switch	818.43
<b>EDSC21273</b>	3/4" Feed Through w/ 3 Position 2 Circuit Selector Switch	842.39
<b>EDS21275</b>	3/4" Dead End w/ 3 Position 4 Circuit Selector Switch	876.45
<b>EDSC21275</b>	3/4" Feed Through w/ 3 Position 4 Circuit Selector Switch	887.00
<b>EDS2129</b>	3/4" Dead End w/ 1P 20A Snap Switch	753.72
<b>EDSC2129</b>	3/4" Feed Thr. w/ 1P 20A Snap Switch	776.71

 \*Emergency Stop Legend Included  
 \*\*Suitable for Group B Div 2

**Eaton**  
Crouse-Hinds series

### THREAD LUBRICANTS

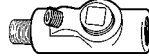

 Vendor Code: **CRS**

Catalog Number	Description	Price Each
<b>STLB</b>	8 oz. Can	83.88

### SEAL-OFF



Vertical



Horizontal / Vertical

 Vendor Code: **CRS**

Catalog Number	Conduit Size	Cubic in. Vert/ Horiz	Ctn. Qty.	Price Each
<b>VERTICAL POSITION ONLY</b>				
<b>EYS16</b>	1/2"	1/0	5	44.20
<b>EYS26</b>	3/4"	2/0	5	53.79
<b>EYS36</b>	1"	3.75/0	2	70.26
<b>VERTICAL OR HORIZONTAL POSITION</b>				
<b>EYS116</b>	1/2"	1/1	5	44.20
<b>EYS216</b>	3/4"	2/2	5	56.02
<b>EYS316</b>	1"	3/3.75	2	65.18
<b>EYS46*</b>	1-1/4"	6/8	2	85.13
<b>EYS56*</b>	1-1/2"	10.75/12.25	2	125.17
<b>EYS66*</b>	2"	19/22.75	1	163.00
<b>EYS76*</b>	2-1/2"	25.5/30	1	259.66
<b>EYS86*</b>	3"	56/64.5	1	320.57
<b>EYS96*</b>	3-1/2"	72/82	1	859.74
<b>EYS106*</b>	4"	95/110	1	1244.93

 Class I, Groups A, B, C and D Class II, Groups E, F and G  
 All Above are Male/Female Hubs. Remove Nipple for Female/Female.

\*These Catalog Numbers Are Only Rated for Class I Groups C&amp;D, Class II Groups F&amp;G, and Class III.

### "UNIVERSAL" DRAIN OR BREATHER


 Vendor Code: **CRS**

Catalog Number	Description	Carton Quantity	Price Each
<b>ECD15</b>	1/2" Male Thread	15	52.83

Class I, Groups C and D, Class II, Groups F and G, Class III

### CHICO® SEALING COMPOUNDS


 Vendor Code: **CRS**

Catalog Number	Description	Price Each
<b>SEALING COMPOUND</b>		
<b>CHICOA3</b>	1 lb. / 23 Cubic in.	39.32
<b>CHICOA05</b>	5 lbs. / 115 Cubic in.	108.25
<b>X FIBER</b>		
<b>CHICOX4</b>	2 oz. Fiber	47.75
<b>CHICOX7</b>	1 lb. Fiber	262.54

### CHICO® SPEEDSEAL™ COMPOUND



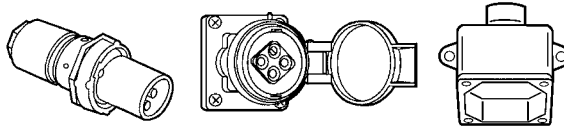
- Installs a reliable seal in five minutes - every time
- Hardens to a dense, strong mass that is suitable for Class I, Division 1, Groups C, D and Class II, Division 1, Groups E, F, G hazardous applications
- UL and cUL Listed for use with 1/2" to 2" Eaton's Crouse-Hinds series sealing fittings only
- Packaged in a 2 oz. or 6 oz. pre-measured cartridge, eliminating the need for measuring before mixing
- Packaged with a screw-on nozzle for accurate dispensing
- Expands in the sealing fitting, eliminating the need to separate the individual conductors with Chico X fiber
- Chico X fiber dams are not required in horizontal applications, reducing installation times
- Completely hardens in 20 minutes, simplifying use for OEMs
- Suitable for cold temperature environments without the costly need to build a temporary shelter around sealing fittings; all ice crystals must be removed from inside the conduit seal before dispensing Chico SpeedSeal compound; the Chico SpeedSeal compound should be kept above 10°C (50°F) and below 85°F (29°C) prior to mixing; the sealing fitting must be kept at or above 4°C (40°F) during the 4 to 10 minute expansion/gel time of the compound
- 18 month shelf life

 Vendor Code: **CRS**

Catalog Number	Description	Price Each
<b>CHICO SPEEDSEAL</b>		
<b>CHICOSS2</b>	2 oz. Compound	72.74
<b>CHICOSS6</b>	6 oz. Compound	148.80

## Pin and Sleeve Devices (Receptacles · Plugs · Mounting Boxes)

Appleton, Killark, and Crouse-Hinds are UL1686 approved for interoperability. May not be suitable for all applications. Brand and availability may vary based on location. See your local Elliott Electric Supply for more details.



Vendor Code: **APP**

Catalog Number	Description	Price Each
<b>30A, 600V AC / 250V DC</b>		
ADR3023	2 Wire, 3 Pole	271.95
ADR3033	3 Wire, 3 Pole	238.01
ADR3034	3 Wire, 4 Pole	305.75
ADR3044	4 Wire, 4 Pole	271.95
<b>60A, 600V AC / 250V DC</b>		
ADR6033	3 Wire, 3 Pole	390.61
ADR6034	3 Wire, 4 Pole	509.22
ADR6044	4 Wire, 4 Pole	458.84
<b>100A, 600V AC / 250V DC</b>		
ADR1033	3 Wire, 3 Pole	492.66
ADR1034	3 Wire, 4 Pole	628.64
ADR1044	4 Wire, 4 Pole	577.66
<b>200A, 600V AC / 250V DC</b>		
AR20033	3 Wire, 3 Pole	1149.20
AR20034	3 Wire, 4 Pole	1213.27
AR20044	4 Wire, 4 Pole	1149.09

Vendor Code: **CRS**

Catalog Number	Description	Price Each
<b>30A, 600V AC / 250V DC</b>		
AR332	2 Wire, 3 Pole	665.67
CDR3033	3 Wire, 3 Pole	260.71
CDR3034	3 Wire, 4 Pole	268.42
CDR3044	4 Wire, 4 Pole	298.05
<b>60A, 600V AC / 250V DC</b>		
CDR6033	3 Wire, 3 Pole	429.71
CDR6034	3 Wire, 4 Pole	485.17
CDR6044	4 Wire, 4 Pole	469.95
<b>100A, 600V AC / 250V DC</b>		
CDR1033	3 Wire, 3 Pole	541.61
CDR1034	3 Wire, 4 Pole	597.17
CDR1044	4 Wire, 4 Pole	636.06
<b>200A, 600V AC / 250V DC</b>		
-	3 Wire, 3 Pole	-
-	3 Wire, 4 Pole	-
AR2041	4 Wire, 4 Pole	3353.80

Vendor Code: **KIL**

Catalog Number	Description	Price Each
<b>30A, 600V AC / 250V DC</b>		
VR332	2 Wire, 3 Pole	254.77
VR331	3 Wire, 3 Pole	222.84
VR342	3 Wire, 4 Pole	323.52
VR341	4 Wire, 4 Pole	254.77
<b>60A, 600V AC / 250V DC</b>		
VR631	3 Wire, 3 Pole	367.45
VR642	3 Wire, 4 Pole	486.13
VR641	4 Wire, 4 Pole	431.03
<b>100A, 600V AC / 250V DC</b>		
VR1031	3 Wire, 3 Pole	522.82
VR1042	3 Wire, 4 Pole	663.74
VR1041	4 Wire, 4 Pole	613.94
<b>200A, 600V AC / 250V DC</b>		
VR20312	3 Wire, 3 Pole	1059.15
VR20422	3 Wire, 4 Pole	1219.55
VR20412	4 Wire, 4 Pole	1155.89

### PLUGS

Vendor Code: **APP**

Catalog Number	Description	Price Each
<b>30A, 600V AC / 250V DC</b>		
ACP3033BC	3 Wire, 3 Pole	289.35
ACP3034BC	3 Wire, 4 Pole	356.82
ACP3044BC	4 Wire, 4 Pole	323.10
<b>60A, 600V AC / 250V DC</b>		
ACP6033BC	3 Wire, 3 Pole	407.99
ACP6034BC	3 Wire, 4 Pole	492.66
ACP6044BC	4 Wire, 4 Pole	425.75
<b>100A, 600V AC / 250V DC</b>		
ACP1033CD	3 Wire, 3 Pole	628.64
ACP1034CD	3 Wire, 4 Pole	747.16
ACP1044CD	4 Wire, 4 Pole	696.31
<b>200A, 600V AC / 250V DC</b>		
AP20034E	3 Wire, 4 Pole	928.93
AP20044E	4 Wire, 4 Pole	808.44

Vendor Code: **CRS**

Catalog Number	Description	Price Each
<b>30A, 600V AC / 250V DC</b>		
CCP3033BC	3 Wire, 3 Pole	289.95
CCP3034BC	3 Wire, 4 Pole	309.89
CCP3044BC	4 Wire, 4 Pole	323.04
<b>60A, 600V AC / 250V DC</b>		
CCP6033BC	3 Wire, 3 Pole	406.34
CCP6034BC	3 Wire, 4 Pole	427.53
CCP6044BC	4 Wire, 4 Pole	424.68
<b>100A, 600V AC / 250V DC</b>		
CCP1033CD	3 Wire, 3 Pole	752.82
CCP1034CD	3 Wire, 4 Pole	646.83
CCP1044CD	4 Wire, 4 Pole	692.92
<b>200A, 600V AC / 250V DC</b>		
AP20467	3 Wire, 4 Pole	3063.22
AP20457	4 Wire, 4 Pole	4230.04

Vendor Code: **KIL**

Catalog Number	Description	Price Each
<b>30A, 600V AC / 250V DC</b>		
VP3375	3 Wire, 3 Pole	271.77
VP3485	3 Wire, 4 Pole	378.84
VP3475	4 Wire, 4 Pole	342.82
<b>60A, 600V AC / 250V DC</b>		
VP6375	3 Wire, 3 Pole	382.14
VP6485	3 Wire, 4 Pole	522.56
VP6475	4 Wire, 4 Pole	450.92
<b>100A, 600V AC / 250V DC</b>		
VP10377	3 Wire, 3 Pole	663.74
VP10487	3 Wire, 4 Pole	790.89
VP10477	4 Wire, 4 Pole	735.85
<b>200A, 600V AC / 250V DC</b>		
VP204612	3 Wire, 4 Pole	1219.55
VP204513	4 Wire, 4 Pole	1155.89

### MOUNTING BOXES

Vendor Code: **APP**

Catalog Number	Description	Price Each
<b>30 AMP</b>		
AEE23	3/4" Hub	55.42
AEE33	1" Hub	59.51
<b>60 AMP</b>		
AEE46	1-1/4" Hub	66.59
AEE56	1-1/2" Hub	87.56
<b>60 &amp; 100 AMP</b>		
AJA610	2" Hub	282.96
<b>200 AMP</b>		
AJA620	2" Hub	518.85

Vendor Code: **CRS**

Cat. Number	Description	Price Each
<b>30 AMP</b>		
ARE23	3/4" Hub	156.49
CEE33	1-1/2" Hub	78.70
<b>60 AMP</b>		
CEE46	1-1/4" Hub	87.99
CEE56	1-1/2" Hub	92.50
<b>60 &amp; 100 AMP</b>		
AJ67	2" Hub w/Angle Adapter	691.22
<b>200 AMP</b>		
AJ68	2" Hub w/Angle Adapter	1266.90

Vendor Code: **KIL**

Catalog Number	Description	Price Each
<b>30 AMP</b>		
VRE23	3/4" Hub	58.62
VRE33	1" Hub	63.19
<b>60 AMP</b>		
VRE46	1-1/4" Hub	66.79
VRE56	1-1/2" Hub	75.40
<b>60 &amp; 100 AMP</b>		
VJ67	2" Hub	255.05
<b>200 AMP</b>		
VJ68	2" Hub	454.11

Read across columns for equivalent products.

Harsh Locations

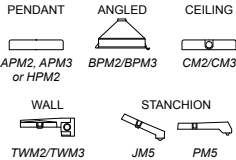
## LED Lighting for Hazardous Locations (High Bay · Flood · Low Bay)

### CHAMP® HIGH BAY LEDS


 Vendor Code: **CRS**

Catalog Number	HID Equivalent	Input Wattage	Price Each
<b>NEMA 4X, IP 66</b>			
PVML3UNV1	70W - 100W	28W	3104.49
PVML5UNV1	100W - 150W	45W	3094.72
PVML7UNV1	150W - 175W	61W	3756.73
PVML9UNV1	250W - 320W	76W	4605.71
PVML11UNV1	320W - 400W	92W	5639.16
<b>CLASS I, DIVISION 2, GROUPS A, B, C, D</b>			
VMVL3UNV1	70W - 100W	28W	3799.17
VMVL5UNV1	100W - 150W	45W	4244.89
VMVL7UNV1	150W - 175W	61W	4796.73
VMVL9UNV1	250W - 320W	76W	6519.02
VMVL11UNV1	320W - 400W	92W	7101.17

#### MOUNTING OPTIONS


 Vendor Code: **CRS**

Catalog Number	Description	Price Each
APM2	3/4" Pendant	172.62
APM3	1" Pendant	190.25
CM2	3/4" Ceiling	186.44
CM3	1" Ceiling	224.49
TWM2	3/4" Thru Wall Mount	372.81
TWM3	1" Thru Wall Mount	372.81
JM5	25 Degree Angle Stanchion	324.60
PM5	Straight Stanchion	372.81

### MLL LINEAR LED



MLL2UNV1

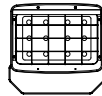
MLL4UNV1

 Vendor Code: **CRS**

Catalog Number	Input Wattage	Length	Price Each
<b>CLASS I, DIVISION 2, GROUPS A, B, C, &amp; D</b>			
MLL2UNV1	29W	2 Feet	1980.38
MLL4UNV1	55W	4 Feet	2713.75

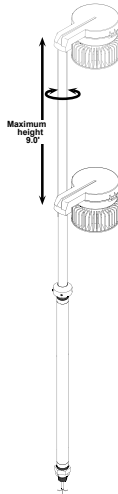
100/277 VAC

### CHAMP® FLOOD LEDS


 Vendor Code: **CRS**

Catalog Number	HID Equivalent	Input Wattage	Price Each
<b>NEMA 4X, IP 66</b>			
PFMA5LCYUNV176	100W - 150W	40W	3360.26
PFMA7LCYUNV176	150W - 175W	55W	4430.33
PFMA9LCYUNV176	175W - 250W	67W	5073.86
PFMA11LCYUNV176	250W - 320W	82W	5856.52
PFMA13LCYUNV176	320W - 400W	93W	6229.25
<b>CLASS I, DIVISION 2, GROUPS A, B, C, D</b>			
FMVA5LCYUNV176	100W - 150W	45W	4125.52
FMVA7LCYUNV176	150W - 175W	58W	4813.02
FMVA9LCYUNV176	175W - 250W	69W	5795.31
FMVA11LCYUNV176	250W - 320W	84W	6502.54
FMVA13LCYUNV176	320W - 400W	95W	7055.96

### V-SPRING TELESCOPING SAFETY LIGHT POLE



- Increases safety and decreases labor costs associated with lighting installation and routine maintenance.
- Its innovative design allows for all work to safely take place on the platform or walkway, eliminating the need for portable ladders and fall protection equipment.
- Listed for Class I Div 2, Class II Div 2 when used with Champ luminaires.

 Vendor Code: **CRS**

Catalog Number	Description	Price Each
V65BAC	Base Mount Alum w/ Cover	3489.21
V65HG*	Handrail Stanchion Galv Steel	2294.04
V65WG	Wall Mount Galv Steel	2699.72

\*Handrail Mounting Kits Sold Separately.

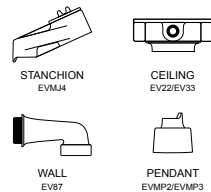
**Crouse-Hinds series**

### EV SERIES LED LUMINAIRES


 Vendor Code: **CRS**

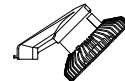
Catalog Number	HID Equivalent	Input Wattage	Price Each
<b>CLASS 1, DIVISION 1, GROUPS C &amp; D</b>			
EVLEDC201	100W-200W Incandescent	15W	3024.31
EVLEDC701	70W-100W HID	30W	3353.00

#### MOUNTING OPTIONS


 Vendor Code: **CRS**

Catalog Number	Description	Price Each
EVMP2	3/4" Pendant	587.91
EVMP3	1" Pendant	590.50
EV22	3/4" Ceiling & Wall	876.53
EV33	1" Ceiling & Wall	900.62
EVMJ4	25° Angle Stanchion	1047.54
EV87	Wall Mount Adaptor Arm	515.61

### LED LOW BAYS



Stanchion Mount

 Vendor Code: **CRS**

Catalog Number	Mounting	Price Each
<b>NEMA 4X, IP 66</b>		
PZLM2CA2UNV1	3/4" Pendant	1664.70
PZLM2CHF2UNV1	3/4" Ceiling	1645.03
PZLM2CHT2UNV1	3/4" Thru Wall	1712.39
PZLM2CHJ4UNV1	Stanchion	2007.19
<b>CLASS I, DIVISION 2, GROUPS A, B, C, D</b>		
VZLM2CA2UNV1	3/4" Pendant	1947.91
VZLM2CA3UNV1	1" Pendant	1947.91
VZLM2CHF2UNV1	3/4" Ceiling	1928.27
VZLM2CHT2UNV1	3/4" Thru Wall	1995.63
VZLM2CHJ4UNV1	Stanchion	2290.45

50W HID or 150-200W Incandescent Equivalent. Input Wattage = 14

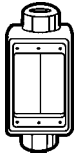
**CAST DEVICE BOXES  
SINGLE GANG**



FS  
or FD



FSS



FSC  
or FDC

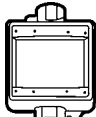
Vendor Code: **CRS**

Catalog Number	Description	Price Each
<b>1-7/8" DEEP</b>		
FS1	1/2" Hub	48.37
FS2	3/4" Hub	50.97
FSC1	1/2" Hub	58.07
FSC2	3/4" Hub	58.58
FSS1	1/2" Hub	58.65
FSS2	3/4" Hub	64.13
<b>2-11/16" DEEP</b>		
FD1	1/2" Hub	69.86
FD2	3/4" Hub	58.32
FDC1	1/2" Hub	60.91
FDC2	3/4" Hub	65.66

**CAST DEVICE BOXES  
TWO GANG**



FS or FD



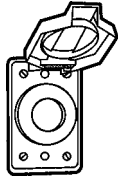
FSC

Vendor Code: **CRS**

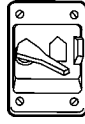
Catalog Number	Description	Price Each
<b>1-7/8" DEEP</b>		
FS12	1/2" Hub	87.56
FS22	3/4" Hub	90.09
FSC12	1/2" Hub	105.60
FSC22	3/4" Hub	102.50
<b>2-11/16" DEEP</b>		
FD12	1/2" Hub	133.39
FD22	3/4" Hub	104.55

**EATON**  
Crouse-Hinds series

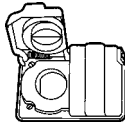
**WET LOCATION COVERS**



WLRs1 or WLRs2



DS185

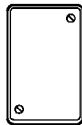


WLRD1

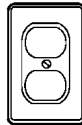
Vendor Code: **CRS**

Catalog Number	Description	Price Each
<b>SINGLE DEVICE</b>		
WLRs1	5-15R / 6-15R 5-20R / 6-20R L5-15R / L6-15R	129.45
WLRs2	L5-20R / L6-20R	129.45
<b>DUPLEX DEVICE</b>		
WLRD1	5-15R / 6-15R 5-20R / 6-20R L5-15R	153.44
<b>SWITCH</b>		
DS185	Toggle Switch Cover	101.85

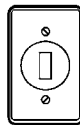
**CAST DEVICE BOX COVERS**



DS100



DS23



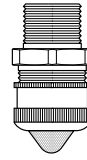
DS32

Vendor Code: **CRS**

Catalog Number	Material	Device Type	Price Each
<b>1-GANG</b>			
DS100	Aluminum	Blank	10.63
DS100G	Cast Iron	*Blank	31.72
DS23	Steel	Duplex	13.36
DS32	Steel	Toggle Switch	13.36
DS21	Steel	**Single Receptacle	13.36
DS35	Steel	***Single Receptacle	13.36
<b>2-GANG</b>			
S1002	Steel	Blank	15.17
S232	Steel	2 - Duplex	21.05
S322	Steel	2 - Toggle Switch	21.05

\*Includes Gasket.  
\*\*DS21 Has 1-7/16" Opening.  
\*\*\*DS35 Has 1-5/8" Opening.

**NON-HAZARDOUS  
LOCATION DRAINS**

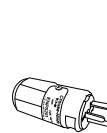


- Drain accumulated condensate.
- Provide ventilation to minimize condensation.
- Drains are installed in hubs or drilled and tapped openings.

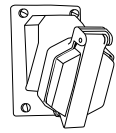
Vendor Code: **CRS**

Catalog Number	Description	Ctn. Qty.	Price Each
CD1	1/2" Male Thread	10	40.26
CD2	3/4" Male Thread	10	40.26

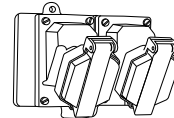
**ARK•GARD® PLUGS  
AND RECEPTACLES**



ENP5201



ENR5201



ENR22201

- Captive set screw design standard on all ENP plugs.
- Insulator and contact components now a single piece assembly.
- ENP plugs can be used in non-hazardous areas with standard U-ground NEMA/IEEMAC configuration 5 and 6 receptacles.
- ENP plug can accept various cable diameters.
- Class I Groups C & D. Class II Groups F, G, Class III.

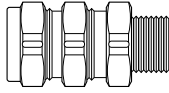
Vendor Code: **CRS**

Catalog Number	Description	Price Each
ENP5201*	20 Amp 125V Plug	263.28
ENR5201	20 Amp 125V Receptacle	862.31
ENR22201	20A 125V Dead End 2G Receptacle Assembly	2447.71

\*Suitable for Class I, Group B.

Harsh Locations

### ARMORED CABLE GLANDS



#### TMC Features:

- Stainless steel copper-plated spring provides grounding continuity of cable armor (MC cable only)
- Watertight seal on outer sheath of cable
- Cold Shrink kit is available
- Available with NPT threads
- May be used in wet locations
- Can be used in Class I Division 2 locations, if there are no arcing and sparking risks in accordance with NEC501.10B

#### TMCX Features:

- Stainless steel copper-plated spring provides grounding continuity of cable armor (MC cable only)
- Provides explosionproof compound seal on conductors and watertight seal on outer sheath of cable
- Cold Shrink kit is available for extra protection in aggressive environments
- Supplied with TSC epoxy sealing compound
- Can be used in Class I groups A, B, C, & D, Class II groups E, F, & G, and Class III

#### TMCX Terminator II Features:

- Full coverage of all popular cables and hub sizes
- Chico LiquidSeal reduces waiting times
- Complete with integral dam to facilitate liquid pour
- Integral union design
- Mating components have generous lead-ins for trouble-free assembly
- Metric Size threads allow interfacing to European machinery
- Cold Shrink kit is available for extra protection in aggressive environments
- Can be used in Class I groups A, B, C, & D, Class II groups E, F, & G, Class III

Vendor Code: **CRS**

Catalog Number	Cord Range	NPT Size	Ctn. Qty.	Price Each
TMC30500	0.45 - 0.66	1/2"	5	86.98
TMC30751	0.58 - 0.87	3/4"	5	121.67
TMC3112	0.80 - 1.12	1"	5	134.48
TMC4140	1.10 - 1.40	1-1/4"	2	173.32
TMC5161	1.33 - 1.61	1-1/2"	2	246.65
TMC6206	1.57 - 2.06	2"	1	300.23
TMC7247	1.93 - 2.47	2-1/2"	1	519.78

#### HARSH LOCATIONS

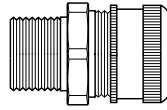
TMCX165	0.44 - 0.65	1/2"	5	167.47
TMCX285	0.60 - 0.85	3/4"	5	250.24
TMCX3112	0.80 - 1.12	1"	5	311.88
TMCX4140	1.10 - 1.40	1-1/4"	1	440.14
TMCX5161	1.33 - 1.61	1-1/2"	1	617.22
TMCX6206	1.57 - 2.06	2"	1	808.66
TMCX7247	1.93 - 2.47	2-1/2"	1	1176.90

#### TERMINATOR II SERIES\*

TMCX0500	0.45 - 0.70	1/2"	1	221.90
TMCX0501	0.49 - 0.90	1/2"	1	238.12
TMCX0502	0.65 - 1.18	1/2"	1	260.22
TMCX0751	0.49 - 0.90	3/4"	1	273.78
TMCX0752	0.65 - 1.18	3/4"	1	335.57
TMCX1001	0.65 - 1.18	1"	1	353.27
TMCX1002	0.87 - 1.39	1"	1	455.14

\*Comes with TSC solid compound. Adding "L" to the end of the part number will get you LSC liquid compound. Adding "BULK" to the end of the part number will get you no compound.

### NON-ARMORED CABLE GLANDS



#### CGB Features:

- Rugged, durable construction protects cords and cables from damage, and compact design permits close grouping of several cords and/or cables
- Flexible offering available in steel, iron, and aluminum in 3/8" to 3" trade sizes
- Wire mesh grips available for added strain relief
- Available with NPT threads
- Standard neoprene bushing weatherproof seal on outer sheath of cable
- Suitable for use in Class I, Division 2 hazardous locations when installed in accordance with NEC501.10(B)(4)
- NEMA 3R (suitable for use in wet locations)
- Operating temperature: -25 degrees C to +40 degrees C.

#### CGE Features:

- Rugged, durable construction protects cords and cables from damage, and compact design permits close grouping of several cords and/or cables
- Wire mesh grips available for added strain relief
- Available with NPT threads
- Standard neoprene bushing weatherproof seal on outer sheath of cable
- Suitable for use in wet locations
- Standard materials: body - ferrous iron alloy, gland nut - steel.
- Operating temperature -24 degrees C to +40 degrees C.

Vendor Code: **CRS**

Catalog Number	Cord Range	NPT Size	Ctn. Qty.	Price Each
CGB192	.125 - .250	1/2"	25	18.83
CGB193	.250 - .375	1/2"	25	18.83
CGB194	.375 - .500	1/2"	25	18.83
CGB195	.500 - .625	1/2"	25	18.83
CGB294	.375 - .500	3/4"	25	18.83
CGB295	.500 - .625	3/4"	25	18.83
CGB296	.625 - .750	3/4"	10	33.37
CGB499	1.00 - 1.18	1-1/4"	5	75.91
CGB4911	1.18 - 1.37	1-1/4"	5	66.15
CGB599	1.00 - 1.18	1-1/2"	5	66.15
CGB5911	1.18 - 1.37	1-1/2"	5	75.91
CGB6913	1.37 - 1.62	2"	2	120.40
CGB6915	1.62 - 1.87	2"	2	120.40
CGB6917	1.87 - 2.18	2"	1	158.97
CGB7917	1.87 - 2.18	2-1/2"	1	158.03

#### 90 DEGREE ANGLE BODY

CGE193	.250 - .375	1/2"	10	46.94
CGE296	.625 - .750	3/4"	10	80.81

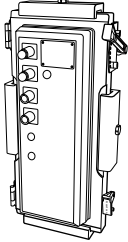


Contact us for Harsh and Hazardous Cable

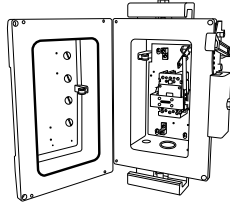
**EATON**  
Crouse-Hinds series

## CLAMPED EBMX EXPLOSIONPROOF ENCLOSURES

CLASS I DIV 1&2 GROUPS B\*, C, & D  
CLASS II GROUPS E, F, & G  
CLASS III



Combo Starter Enclosure



Breaker Enclosure

The EBMX advantage:

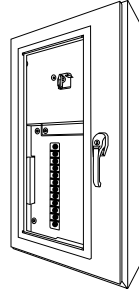
- The world's only NEMA 7 classified enclosure to utilize clamping technology
- **Faster.** A significant reduction in installation and maintenance costs due to its revolutionary clamped design makes opening and closing the EBMX significantly faster than traditional enclosures.
- **Safer.** The clamps on the EBMX enclosure automatically apply even pressure across the flame path for an error-proof installation. No need to worry about missing or improperly torqued bolts creating an explosion in your facility.
- Side operated handles for visual confirmation of proper operator alignment while cover is open.
- Rated Class I, Divisions 1 and 2, and has a NEMA 4X rating to protect against water ingress.
- Designed for use as a breaker, disconnect switch, motor starter, or combo starter.
- Handle and mechanism ships with the enclosure. Breaker, starter, or combo enclosures have appropriate handles included.
- Multiple configurations available. See store for details.

Vendor Code: **CRS**

Catalog Number	Description	Price Each
<b>ENCLOSURE ONLY (HANDLE AND MECHANISM INCLUDED)</b>		
<b>EBMX1BW</b>	Clamped 15A-100A Breaker Enclosure	10501.35
<b>EBMX2C</b>	Clamped NEMA 0-2 Combo Starter Enclosure	12715.53
<b>EBMX3C</b>	Clamped NEMA 3 & 4 Combo Starter Enclosure	26431.20

\*High AIC and -50°C Temperature Certifications Do Not Apply for Group B.

## SYNERGEX LIGHTING AND HEAT TRACING PANELBOARDS



- Lightweight design and reduced footprint for easier installation with reduced labor costs.
- Easy to open and access with only 1/4 turn (vs. up to 70+ bolts in a traditional enclosure).
- High ingress protection for harsh environments
- Encapsulated branch circuit breakers
- Optional removable gland plates for easy addition of entries
- Lightweight and compact main breaker is encapsulated and internally mounted
- Breakers permanently welded closed to prevent tampering
- Touch safe and fully encapsulated bus
- Easy to install rigid connection to the bus bar for easier maintenance/ installation
- Rated for Class I, Division 2, Groups A, B, C, D areas.
- **Multiple configurations available. See store for details.**

**EATON**  
Crouse-Hinds series