

U-Line™ Contender™ Factory Sealed 20 Amp Plugs and Receptacles

Explosionproof, Dust-Ignitionproof

NEC:

Class I, Division 1, Groups C, D
Class I, Division 2, Group B
Class I, Zone 1, Group IIB
Class I, Zone 2, Group IIB + H₂
Class II, Division 1 and 2, Groups F, G

NEC:

Class III
NEMA 3, 3R, 3RX, 4X*, 7CD, 9FG

Applications

- Locations where receptacles are used with stationary or portable electrically operated devices such as:
 - Lighting systems
 - Conveyors
 - Heaters
 - Motor-generator sets
 - Air conditioners
 - Compressors
 - Pumps
- Locations where damp or corrosive conditions exist.

Features

- Receptacle covers are UL Listed when used with Contender™ series mounting boxes, and UL Classified when used with Crouse-Hinds™ ± EDS series mounting boxes.
- ECP plug fits any standard non-explosionproof receptacle (NEMA 5-20R, or 6-20R) as well as U-Line™ explosionproof receptacles.
- Insulators provide superior dielectric and mechanical strength and lowest arc tracking.
- Dead front design: receptacle is not energized until plug is fully inserted and switch is engaged.

Standard Materials

- Receptacle covers: copperfree (4/10 of 1% max.) aluminum
- Mounting boxes: malleable iron
- Insulating blocks: fiberglass reinforced thermoset polyester

Standard Finishes

- Malleable iron mounting boxes: triple-coat—(1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Receptacle covers and aluminum mounting boxes: epoxy powder coat

Options

- Copperfree (4/10 of 1% max.) aluminum receptacle cover and mounting box. Add suffix **-SA**.



NEC Certifications and Compliances

- UL Listed: E10784
- UL Standard: UL 1203, UL 1010, UL 894

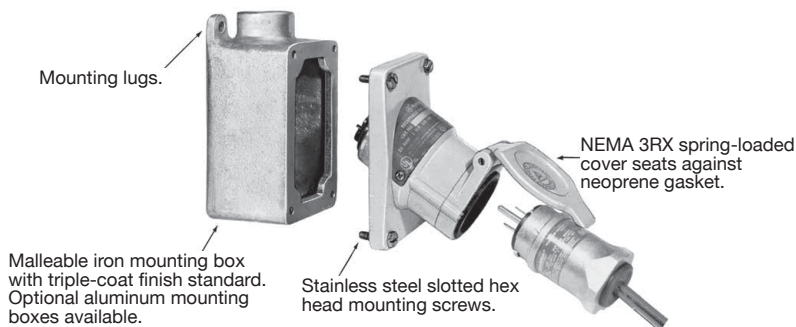
Related Products

- U-Line™ Contender™ receptacles only available for use in combination with 1- and 2-gang EDS series mounting boxes incorporating such devices as pilot lights, switches and push buttons. See Controls Section.

APPLETON™

PLUGS AND RECEPTACLES: NEC/CEC HAZARDOUS LOCATION

Illustrated Features



U-Line™ NEMA 4X corrosion resistance screw cover kit available: **ULINEREC4XKIT ▼**.



▼ NEMA 3RX when the spring-loaded cover is installed and closed. NEMA 4X when the screw cover is installed and fully engaged.

Note: Covers are UL Classified to mount on Crouse-Hinds® EDS mounting boxes. Appleton "ENR" Series receptacles are UL Classified for use with Crouse-Hinds® ENP Series plugs.

± Crouse-Hinds, EDS and ENP are registered trademarks of Cooper Crouse-Hinds.

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Illustrated Features

Spring-loaded cover keeps dust out of receptacle when plug is not in use, which may be rotated 180° or completely removed. Stainless steel cover spring-completely enclosed for protection from corrosive environments.

Factory sealed receptacle/switch interior. Switch is an integral part of receptacle interior, contained in an aluminum sleeve. Protective xylan coating on inside of sleeve provides smooth "rotating" action of internal switch, which is activated by rotating plug in receptacle. Entire aluminum sleeve is sealed at both ends with neoprene O-rings to protect receptacle/switch interior against moisture.

ECP Interchanger plug fits ordinary location receptacles (NEMA 5-20R and NEMA 6-20R) and explosionproof U-Line™ receptacle as well competitors comparable NEMA blade configured receptacles.

A twist of the plug produces audible "click" to indicate fast make and break of built-in switch contacts. Twisting plug locks it in place—cannot be accidentally pulled out.



Special neoprene watertight plug bushing accommodates flexible cord ranging from .538" to .639" in diameter.



With plug in use, neoprene gasket in throat of receptacle "seals" around plug keeping out dirt, water, dust and other foreign matter.



With plug not in use, spring-loaded cover seats against neoprene gasket to seal receptacle from corrosive atmospheres.



For safety... Ordinary location plug will NOT activate explosionproof U-Line™ receptacle.



Plug mechanical cable clamps on the plug prevent strain on cables and meet or exceed UL 150 lb. strain relief pull-out test for classified locations.



Solderless lugs—all terminals are pressure type to facilitate wiring.

Longer plug housing for better gripping and easier plug insertion and withdrawal.

U-Line™ Contender™ Factory Sealed 20 Amp Receptacles

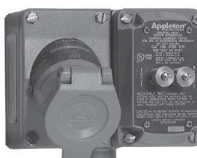
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		Catalog Numbers ①		
		125 Vac	250 Vac	
				
Type	Hub Size			
Single Gang				
	Dead-End	1/2	ENR11201	ENR11202
		3/4	ENR21201	ENR21202
		1	ENR31201	ENR31202
	Feed-Thru	1/2	ENRC11201	ENRC11202
		3/4	ENRC21201	ENRC21202
		1	ENRC31201	ENRC31202
Dead-End	Feed-Thru			
Two Gang				
	Dead-End	1/2	ENR12201	ENR12202
		3/4	ENR22201	ENR22202
		1	ENR32201	ENR32202
	Feed-Thru	1/2	ENRC12201	ENRC12202
		3/4	ENRC22201	ENRC22202
		1	ENRC32201	ENRC32202
Receptacle with GFI♦ Cover, Two Gang				
	Dead-End	1/2	ENR12201GFI	—
		3/4	ENR22201GFI	—
		1	ENR32201GFI	—
	Feed-Thru	1/2	ENRC12201GFI	—
		3/4	ENRC22201GFI	—
		1	ENRC32201GFI	—
Replacement Receptacle Covers and Spare Parts				
	Receptacle Cover Assembly	ENR5201	ENR6202	
	Spring-loaded Cover Replacement Assembly (Aluminum)	ULSCA		
	GFCI Cover Assembly ②	GFS1		
ENR5201	GFS1♦			
NEMA 4X Screw Cover Kit ▼				
	ULINEREC4XKIT			

① Standard mounting box malleable iron. For aluminum mounting box, add suffix **-SA** to catalog number.

② GFI units rated 20 Amp, 125 VAC. Trip setting is 5 mA.

▼ NEMA 3RX when the spring-loaded cover is installed and closed. NEMA 4X when the screw cover is installed and fully engaged.

♦ GFS-1 covers and GFI receptacle combinations are not certified for use in Class I, Division 2 Group B.

APPLETON™

PLUGS AND RECEPTACLES: NEC/CEC HAZARDOUS LOCATION

U-Line™ Contender™ 20 Amp Receptacle Mounting Boxes

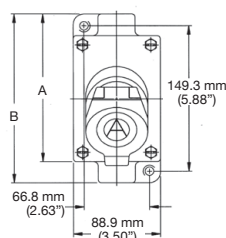
NEC:
Class I, Division 1 and 2, Groups C, D
Class II, Division 1 and 2, Groups E, F, G
Class III

EDS Cast Device Mounting Boxes

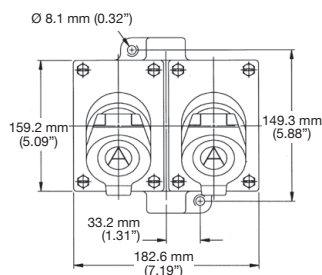
		Hub Size (Inches)	Dimensions in Millimeters (Inches)			Catalog Number	
Type	A		B	C	Malleable Iron	Aluminum	
Single Gang							
	Dead-End	1/2	153.9 (6.06)	172.9 (6.81)	19.0 (0.75)	EDS171	EDS171-SA
		3/4	153.9 (6.06)	172.9 (6.81)	22.3 (0.88)	EDS271	EDS271-SA
		1	156.7 (6.17)	178.5 (7.03)	25.4 (1.00)	EDS371	EDS371-SA
	Feed-Thru	1/2	153.9 (6.06)	172.9 (6.81)	19.0 (0.75)	EDSC171	EDSC171-SA
		3/4	153.9 (6.06)	172.9 (6.81)	22.3 (0.88)	EDSC271	EDSC271-SA
		1	156.7 (6.17)	178.5 (7.03)	25.4 (1.00)	EDSC371	EDSC371-SA
Two Gang							
	Dead-End	1/2	153.9 (6.06)	172.9 (6.81)	22.3 (0.88)	EDS172	EDS172-SA
		3/4	153.9 (6.06)	172.9 (6.81)	22.3 (0.88)	EDS272	EDS272-SA
		1	156.7 (6.17)	178.5 (7.03)	25.4 (1.00)	EDS372	EDS372-SA
	Feed-Thru	1/2	153.9 (6.06)	172.9 (6.81)	22.3 (0.88)	EDSC172	EDSC172-SA
		3/4	153.9 (6.06)	172.9 (6.81)	22.3 (0.88)	EDSC272	EDSC272-SA
		1	156.7 (6.17)	178.5 (7.03)	25.4 (1.00)	EDSC372	EDSC372-SA
Tandem ①							
	Dead-End	1/2	287.2 (11.31)	307.0 (12.09)	22.3 (0.88)	EDS147	EDS147-SA
		3/4	287.2 (11.31)	307.0 (12.09)	22.3 (0.88)	EDS247	EDS247-SA
		1	290.5 (11.44)	312.6 (12.31)	25.4 (1.00)	EDS347	EDS347-SA
	Feed-Thru	1/2	287.2 (11.31)	307.0 (12.09)	22.3 (0.88)	EDSC147	EDSC147-SA
		3/4	287.2 (11.31)	307.0 (12.09)	22.3 (0.88)	EDSC247	EDSC247-SA
		1	290.5 (11.44)	312.6 (12.31)	25.4 (1.00)	EDSC347	EDSC347-SA

Dimensions in Millimeters (Inches)

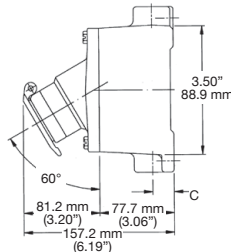
Single Gang Mounting Box with Receptacle Cover



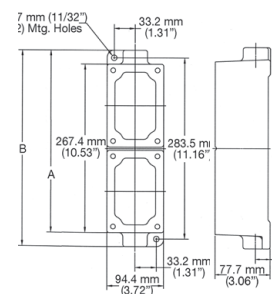
Two Gang Mounting Box with Receptacle Cover



Single/Two Gang Mounting Box with Receptacle Cover Side View



Tandem Mounting Box



① For tandem mounting boxes, external seals must be installed within 1.52 meters (5 feet) of each conduit entrance for Class I, Groups C and D.