

U-Line™ ECS Factory Sealed 15 and 20 Amp Plugs and Receptacles

Explosionproof, Dust-Ignitionproof

Dead-Front Safety Construction – Grounding through Extra Pole and Shell.

CEC:

Class I, Division 1 and 2 Groups B, C, D

Class II, Division 1 and 2 Group G – Coal Dust

Class III

CSA Type 7BCD, 9G

Illustrated Features

Spring door 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. Cover may be used with hinge at top (standard) or rotated 180° to put hinge at bottom.

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 or 15R and NEMA 6-20R) and explosionproof U-Line™ receptacle as well competitors comparable NEMA blade configured receptacles.

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

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

Knock-out in plug insulator permits "potting" of terminations for positive protection in severe environments.

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.

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 door 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.



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



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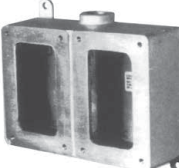
Class III

CSA Type 7BCD, 9G

Receptacle and Cover Assembly

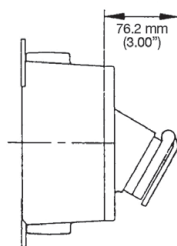
Description	Catalog Number	
	125 Vac, 1 HP 	250 Vac, 2 HP 
 20 Amp	ECSK-2023	ECSK-20232

Mounting Box — Complete with 1 Close-Up Plug

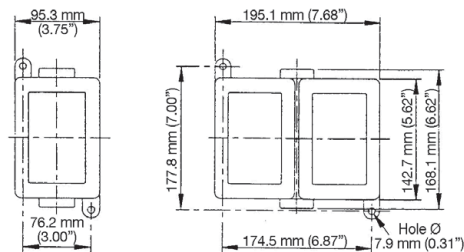
	Hub Size	Catalog Number
Single Gang		
 3/4"	3/4"	ECS175
	1"	ECS110
Two Gang		
 3/4"	3/4"	ECS275
	1"	ECS210

Dimensions in Millimeters (Inches)

Cover



Mounting Box



APPLETON™

PLUGS AND RECEPTACLES: NEC/CEC HAZARDOUS LOCATION

U-Line™ ECK-GFI Ground Fault Circuit Interrupter

Explosionproof, Dust-Ignitionproof

For U-Line™ 20 Amp Receptacles. Dead-Front Safety Construction – Grounding through Extra Pole and Shell.

CEC:

Class I, Division 1 and 2, Groups B, C, D
Class I Zone 1 and 2, IIB + H₂ T6
Class II, Division 1 and 2, Groups E, F, G
Class III, Encl. 3R, raintight
CSA Type 3R, 7BCD, 9EFG

CEC:

CSA Approved
Class I, Division 1 and 2 Groups B, C, D
Class II, Division 1 and 2 Group G – Coal Dust
Class III
CSA Type 7BCD, 9G

	Hub Size (Inches)	Electrical Rating	Catalog Number
Ground Fault Circuit Interrupter – 1-Gang – Non-Factory Sealed Devices			
	1/2 – 3/4	20 Amp 120 Vac, 5 mA Trip 0.075 Sec. Trip Time	ECS2GFI
	1	20 Amp 120 Vac, 5 mA Trip 0.075 Sec. Trip Time	ECS4GFI

U-Line™ Receptacles – Factory Sealed Device. Not approved for Group E ①

1-Gang



1/2 – 3/4	20 Amp 125 Vac, 1 HP	ECS32023
1	20 Amp 125 Vac, 1 HP	ECS52023
1/2 – 3/4	20 Amp 250 Vac, 2 HP	ECS320232
1	20 Amp 250 Vac, 2 HP	ECS520232

2-Gang with two, single receptacle covers

1/2 – 3/4	15/20 Amp 125 Vac, 1 HP	ECS72023
1	15/20 Amp 125 Vac, 1 HP	ECS92023
1/2 – 3/4	15/20 Amp 250 Vac, 2 HP	ECS720232
1	15/20 Amp 250 Vac, 2 HP	ECS920232

U-Line™ Plugs and Receptacles with Ground Fault Protection – 2-Gang – Non-Factory Sealed Devices



1/2 – 3/4	20 Amp 125 Vac, 1 HP	ECS6GFI2023
1	20 Amp 125 Vac, 1 HP	ECS8GFI2023

Cover Assemblies

	Description	Catalog Number Single Gang
	Ground Fault Circuit Interrupter (Cover Assembly)	ECSK-GFI
	Receptacle and Cover Assembly	ECSK-2023

① Approved for Group F with non-electrically conductive dusts.