

Plugs And Receptacles
EDPR Series

Weatherproof



❖ Explosion-proof Back Box

Style #1			28
			1"
Style #2			36
			1-1/4"
Style #3			42
			1-1/2"

❖ Application

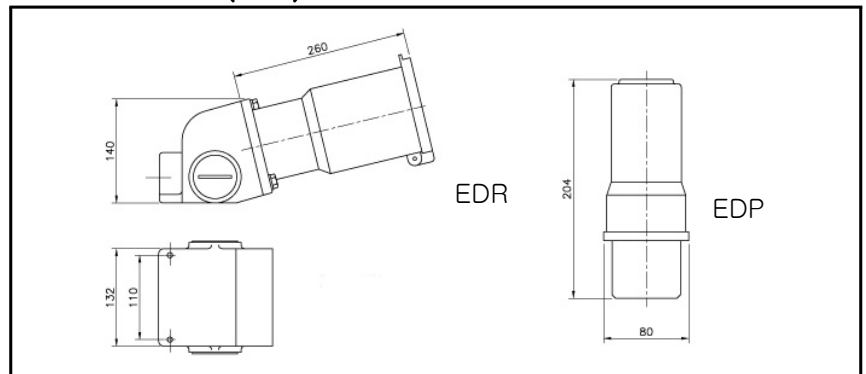
EDR Receptacles and EDP Plugs are used ;

- with portable electrically operated devices such as motor generator sets, compressors, conveyors, portable tools, lighting systems and similar equipment
- in locations which are hazardous due to the presence of combustible dusts occurring in the processing and handling of grain, flour and starch
- in the 60 ampere, assemblies are also suitable for use in areas which are hazardous due to the presence of flammable vapors or gases, as in petroleum refineries, chemical and petrochemical plants, and certain process industry facilities.

❖ Explosion-proof Plug and Receptacle with Black

Rating	No. of Pole	Hub Size		Recept. Cat. No.	Nominal Diameter Of Cable	Plug Cat. No	EDRB Recept. With Back Box Cat. No.
60A 220VAC	3wire 4pole	28	1"	EDR 1261	16 to 21	EDP 1261	EDRB 1261
		36	1-1/4"		19 to 27	EDP 1262	
		42	1-1/2"		27 to 34	EDP 1263	
60A 460VAC	3wire 4pole	28	1"	EDR 1461	16 to 21	EDP 1461	EDRB 1461
		36	1-1/4"		19 to 27	EDP 1462	
		42	1-1/2"		27 to 34	EDP 1463	

❖ Dimension(mm)



❖ Standard Materials

- Back Boxes : Cast aluminium alloy
- Receptacle housings And plug exteriors : Cast aluminium alloy

❖ Standard Finish

- MUNSELL No. 7.5BG 6/1.5
- If you want another color, contact us please.

❖ Features

- Construction of the receptacle permits the plug to be used as an emergency push-pull switch.
- EDR dead front receptacles are equipped with two separate contact assemblies. The rear contact assembly, to which field connections are made, is factory sealed to the housing. The movable front contact assembly, by virtue of its construction, provides an effective dust seal and, in the case of the 60 ampere unit a flamtight joint as well.
- In operation, the plug must first be fully engaged with the front contact assembly, The plug may then be rotated clockwise and moved to engage the rear contact assembly.
- The plug cannot be withdrawn until the front contact assembly has been disengaged from the rear assembly and rotated counterclockwise to return it to the starting position.
- With this construction and operating sequence, the circuit making and breaking contacts are enclosed within a separate chamber, effectively sealed at both ends. Ignition of dust or flammable vapors or gases is prevented.
- The 30 and 60 ampere receptacles are provided with pressure terminals for field connection.
- As shown in the listings and dimensions, a selection of back boxes is offered to meet varied installation requirements.