5F Reducers, Couplings and Plugs

Cl. I, Div. 1 & 2, Groups A†, B, C, D
Cl. II, Div. 1, Groups E, F, G
Cl. II, Div. 2, Groups F, G
Cl. III

Explosionproof
Dust-Ignitionproof

Applications:

- RE and REC reducers are used in threaded heavy wall conduit systems.
- RE reduces conduit hubs to a smaller size.
- REA adapters enlarge drilled and tapped openings by 1 NPT size.
- REC connects two different sizes of conduit together or is used to replace a coupling and reducer in an installation.
- PLG plugs are used for closing threaded conduit hubs.

Features:

RE reducers have:

- Integral bushing which prevents damage to wires
- Full, clean cut tapered threads

REC reducers have:

- Integral bushings in both ends which prevents damage to wires
- Funnel shaped interior to guide the wires from large to small conduit, making it easy to pull wire

REA adapters have:

- Smooth integral bushing to protect wire insulation
- Knurled body for easy wrenching

PLG plugs:

- Have clean tapered threads
- Are available in two styles, flush (recessed), or square head type

Certifications and Compliances:

- NEC/CEC:
  - Class I, Division 1 & 2, Groups A, B, C, D
  - Class II, Division 1, Groups E, F, G
  - Class II, Division 2, Groups F, G
  - Class III

(see listings for specific Cat. Nos. suitable for Groups A or B)

- UL Standard: 1203
- CSA Standard: C22.2 No. 30

Standard Materials:

- RE reducers – RE1108 through RE54 in steel; all others in *Feraloy*® iron alloy
- REA adapters – steel
- REC reducers – REC21 and REC32 in steel; all others in *Feraloy* iron alloy
- PLG plugs – Recessed: PLG28-PLG3: steel, PLG4-PLG10: grey iron alloy; Square Head: PLG15-PLG55: steel, PLG65-PLG105: grey iron alloy

Standard Finishes:

- *Feraloy* iron alloy – electrogalvanized and aluminum acrylic paint
- Steel – electrogalvanized with chromate treatment

Options:

Description	Suffix
Copper-free aluminum	SA

RE

Size	Cat. #
1/2 – 1/8	RE1108*
1/2 – 1/4	RE1208*
1/2 – 3/8	RE1308
3/4 – 1/2	RE21†
1 – 1/2	RE31†
1 – 3/4	RE32†
1 1/4 – 1/2	RE41†
1 1/4 – 3/4	RE42†
1 1/4 – 1	RE43†
1 1/2 – 1/2	RE51†
1 1/2 – 3/4	RE52†
1 1/2 – 1	RE53†
1 1/2 – 1 1/4	RE54†
2 – 1/2	RE61†
2 – 3/4	RE62†
2 – 1	RE63†
2 – 1 1/4	RE64†
2 – 1 1/2	RE65†
2 1/2 – 1	RE73†
2 1/2 – 1 1/4	RE74†
2 1/2 – 1 1/2	RE75†
2 1/2 – 2	RE76†
3 – 1	RE83†
3 – 1 1/4	RE84†
3 – 1 1/2	RE85†
3 – 2	RE86†
3 – 2 1/2	RE87†
3 1/2 – 2	RE96†
3 1/2 – 2 1/2	RE97†
3 1/2 – 3	RE98†
4 – 2	RE106†
4 – 2 1/2	RE107†
4 – 3	RE108†
4 – 3 1/2	RE109†
5 – 4	RE01210
6 – 5	RE01412

REC

Large Hub Size	Small Hub Size	Cat. #
3/4	1/2	REC21†
1	1/2	REC31†
1	3/4	REC32
1 1/4	3/4	REC42
1 1/4	1	REC43
1 1/2	3/4	REC52
1 1/2	1	REC53
1 1/2	1 1/4	REC54
2	3/4	REC602
2	1	REC603
2	1 1/4	REC604
2	1 1/2	REC605
2 1/2	1 1/2	REC75
3	2	REC86
3 1/2	2 1/2	REC97*
4	3	REC108*
5	4	REC01210*

REA

Male Hub Size	Female Hub Size	Cat. #
1/2	3/4	REA12†
3/4	1	REA23†
1	1 1/4	REA34†

PLG

Recessed

Square Head

Recessed

Size	Cat. #
1/4	PLG28†
1/2	PLG1†
3/4	PLG2†
1	PLG3†
1 1/4	PLG4
1 1/2	PLG5
2	PLG6
2 1/2	PLG7
3	PLG8
3 1/2	PLG9
4	PLG10

Square Head

Size	Cat. #
1/2	PLG15†
3/4	PLG25†
1	PLG35†
1 1/4	PLG45
1 1/2	PLG55
2	PLG65
2 1/2	PLG75
3	PLG85
3 1/2	PLG95
4	PLG105

*Not available in aluminum.
†Suitable for use in Class I, Groups A and B areas.

 Copyright© 2013 Eaton's Crouse-Hinds Business