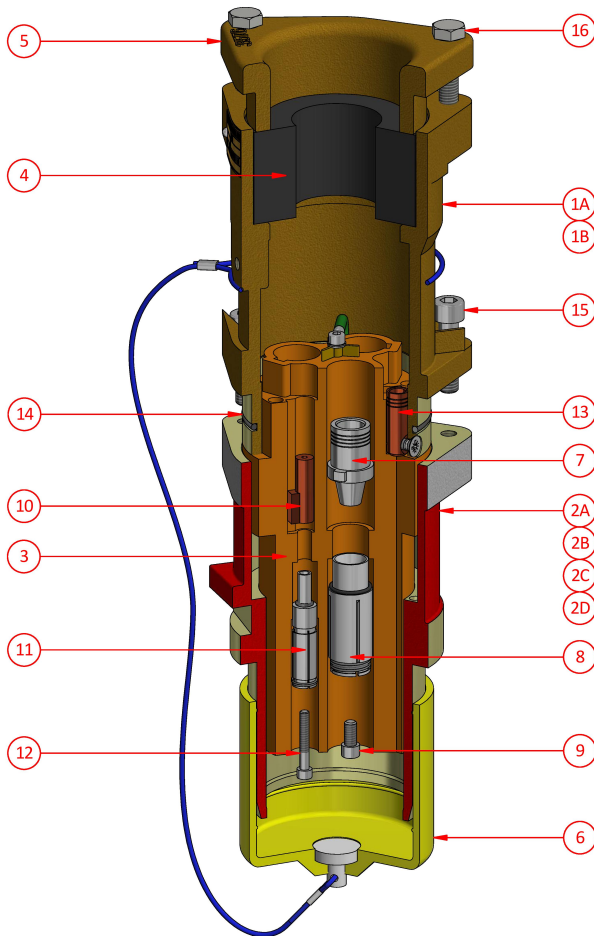




Restrained Plug 6 Pin
AF416R3 - AF436R3
AF416RS3 - AF436RS3

425 Amp Series
1100V - 3300V



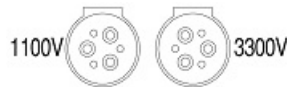
Weight
Dimensions
Compliance
Materials
IP Rating

12kg
L 150mm W 150mm H 410mm
Explosion protected to AS/NZS1299 & IEC60079 Series
Manganese Bronze / Neoprene / Stainless Steel
IP66/68

Ordering Procedure

- 1 Select complete Plug from Table 1
- 2 Select Phase Thimble from Table 2 (3 Required)
- 3 Select Grommet from Table 3

Table 1



Part Number	Description	Colour
AF416R3	1100V Restrained Plug 6 Pin	Blue/Silver
AF436R3	3300V Restrained Plug 6 Pin	Red/Silver
AF416RS3	1100V Restrained Plug 6 Pin (Stainless steel nose cone)	Blue/Silver
AF436RS3	3300V Restrained Plug 6 Pin (Stainless steel nose cone)	Red/Silver

NB: Plug supplied with Pilot Thimble

Table 2

Phase Thimble - c/w screw AH009857 1/4" x 1/2" skt. head

Part Number	CSA	ID mm	Utilux Die No.
F-3962-1	35	10.0	38-115 Cu
F-3962-2	50	11.0	38-115 Cu
F-3962-3	70	13.5	38-142 Cu
F-3962-4	95	14.5	38-165 Cu
F-3962-5	120	16.6	38-165 Cu
F-3962-6	150	18.0	38-183 Cu
F-3962-7	185	20.7	Solder Only

NB: CSA is indicative only. Use ID for thimble selection

Table 3

Neoprene Grommets

Part Number	Cable Acceptance mm
3054-25	22.0-25.0
3054-31	24.0-31.0
3054-35	30.0-35.0
3054-38	34.0-38.0
3054-41	37.0-41.0
3054-45	40.0-45.0
3054-47	44.0-47.0
3054-51	46.0-51.0
3054-54	50.0-54.0
3054-57	53.0-57.0
3054-60	56.0-60.0
3054-64	59.0-64.0
3054-67	63.0-67.0
3054-70	66.0-70.0
3054-73	69.0-73.0
3054-76	72.0-76.0

Options

Earth Thimble - c/w screw AH151028 M6 x 16 csk. head

Part Number	Cable Acceptance mm	ID mm	Utilux Die No.
F-4648	10	4.7	38-57 Cu
F-4648-1	16	5.5	38-63 Cu
F-4648-2	25	7.1	38-77 Cu
F-4648-3	35	8.4	38-92 Cu

NB: F-4648-3 supplied with Plug

Spare Parts

#	Part Number	Description
1A	F-3339-416	1100V Small Gland Body c/w items 1A, 5, 14, 15 & 16
1B	F-3339-436	3300V Small Gland Body c/w items 1B, 5, 14, 15 & 16
2A	F-3342-416	1100V Nose Cone
2B	F-3342-436	3300V Nose Cone
2C	F-3342-416SS	1100V Nose Cone Stainless Steel
2D	F-3342-436SS	3300V Nose Cone Stainless Steel
3	F-4034	Interior c/w Earth Lead, Screw and Washer

#	Part Number	Description
4	See Table 3	Neoprene Grommet
5	3576B	Clamping Cap
6	F-264L	Protection Cap
7	See Table 2	Phase Thimble
8	F-4245	Phase Socket c/w O-ring AI019032
9	AH009857	Screw 1/4" x 1/2" skt. head
10	F-3589-1	Pilot Thimble c/w screw AH009834 3/16" x 1 1/4" skt. head
11	F-3138-2	Pilot Socket c/w O-ring AI019030
12	AH009834	Screw 3/16" x 1 1/4" skt. head
13	F-4648-3	Earth Thimble c/w screw AH151028 M6 x 16 csk. head
14	AI019011	O-ring ID 91.67 x sect. 3.53
15	AH117113	Screw M10 x 40 skt. head
16	AH113116S	Screw M10 x 50 hex. head

CMI Head Office NSW | (02) 9807 6155 | F3, 3-29 Birnie Ave, Lidcombe, NSW, 2141 | nswsales@cmielectrical.com.au
CMI QLD-Brisbane
(07) 3863 0749
485A Zillmere Road,
Zillmere QLD 4034
southqldsales@cmielectrical.com.au

CMI QLD – Rockhampton
(07) 4921 0978
Shop 3 at 76 Hollingsworth Street,
North Rockhampton Qld 4701
northqldsales@cmielectrical.com.au

CMI VIC
(03) 9532 1233
3 Dissik Street,
Cheltenham VIC 3192
vicsales@cmielectrical.com.au

CMI WA
(08) 9358 1788
36 Division Street,
Welshpool WA 6106
wasales@cmielectrical.com.au