CHARACTER:

1.Physical performance

a、Low density high filling ability

b、Good mechanical properties

c、The fine aging resistance, resistance to weather resistance, heat resistance, ozone, acid and alkali resistant, resistance to water vapor

d、In the 150 200 ℃ can be short or intermittent use

e、Of high resistance to chemicals

2.Electrical Properties

a、Electrical insulation good

b、Good the dielectric properties

3.Processing properties

a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、According to UL standard design

4.Environmental protection

a、ROHS/REACH compliant

SHOULD BE USED:

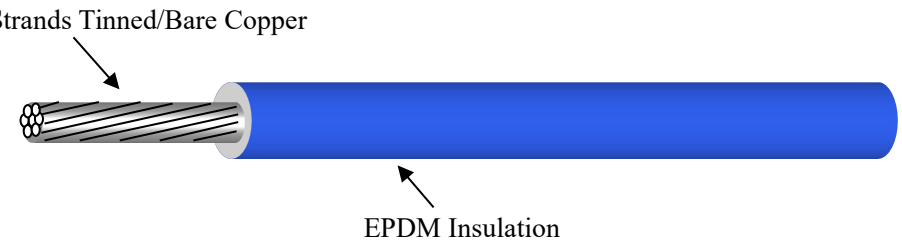
Motor Leads and Internal Wiring of Appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Marking: E211048 AWM STYLE 3279 NO. AWG 105℃ 600V EP QIFURUI c AWM I A 105℃ 600V FT2 –LF-



Motor Leads and Internal Wiring of Appliances

UL3279

Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: EPDM Insulation

Motor Leads and Internal Wiring of Appliances. Conductor temperature not over 105℃

EPDM insulated wire

Rated temperature: 105℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom	Min.	Min	Max
3279	4/0	19/44/0.404	0.172	15.48	1.98	1.78	19.44	±0.25
	3/0	7/37/0.643	0.219	13.54	1.98	1.78	17.5	±0.25
	3/0	19/87/0.254	0.219	13.68	1.98	1.78	17.64	±0.25
	2/0	19/70/0.254	0.277	12.26	1.98	1.78	16.22	±0.25
	2/0	7/37/0.574	0.277	12.1	1.98	1.78	16.06	±0.25
	1/0	19/55/0.254	0.349	10.88	1.98	1.78	14.84	±0.25
	1/0	7/37/0.51	0.349	10.75	1.98	1.78	14.71	±0.25
	1	19/44/0.254	0.440	9.72	1.98	1.78	13.68	±0.25
	2	7/95/0.254	0.555	8.56	1.52	1.37	11.6	±0.20
	4	7/60/0.254	0.882	6.81	1.52	1.37	9.85	±0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.20
	08	168/0.254	2.23	3.80	1.52	1.37	6.84	±0.15
	10	105/0.254	3.54	3.00	1.14	1.04	5.28	±0.15
	12	65/0.254	5.64	2.36	1.14	1.04	4.64	±0.15
	14	41/0.254	8.96	1.88	1.14	1.04	4.16	±0.15
	16	26/0.254	14.60	1.50	1.14	1.04	3.78	±0.15
	18	16/0.254	23.20	1.17	1.14	1.04	3.45	±0.10
	20	21/0.18	36.70	0.95	1.14	1.04	3.23	±0.10
	22	17/0.16	59.40	0.76	1.14	1.04	3.04	±0.10
	24	11/0.16	94.20	0.61	1.14	1.04	2.89	±0.10
	26	7/0.16	150.00	0.48	1.14	1.04	2.76	±0.10

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- FT/roll			
4/0-4AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft
6~10AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft
12~16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft
18~26AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft
According to customer requirements for packaging packaging				

Web site:www.qifurui.com
Email:all@qifurui.com
Tel:0755-33897988
Fax: 0755-33843991-3

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CHARACTER:

1.Physical performance

a、Low density high filling ability

b、Good mechanical properties

c、The fine aging resistance, resistance to weather resistance, heat resistance, ozone, acid and alkali resistant, resistance to water vapor

d、In the 150 200 ℃ can be short or intermittent use

e、Of high resistance to chemicals

2.Electrical Properties

a、Electrical insulation good

b、Good the dielectric properties

3.Processing properties

a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、According to UL standard design

4.Environmental protection

a、ROHS/REACH compliant

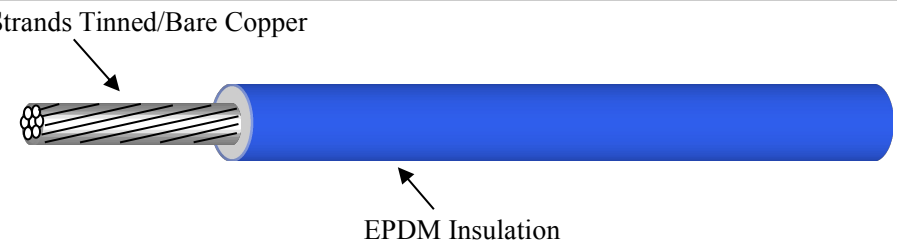
SHOULD BE USED:

Motor Leads and Internal Wiring of Appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Motor Leads and Internal Wiring of Appliances.

UL3280

Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: EPDM Insulation

Motor Leads and Internal Wiring of Appliances. . Conductor temperature not over 105℃

EPDM insulated wire

Rated temperature: 105℃ rated voltage: 300V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Min	Max
3280	14	41/0.254	8.96	1.88	0.76	0.68	3.40	±0.10
	16	26/0.254	14.60	1.50	0.76	0.68	3.05	±0.10
	18	16/0.254	23.20	1.17	0.76	0.68	2.75	±0.10
	20	21/0.18	36.70	0.95	0.76	0.68	2.50	±0.10
	22	17/0.16	59.40	0.76	0.76	0.68	2.25	±0.10
	24	11/0.16	94.20	0.61	0.76	0.68	2.10	±0.10
	26	7/0.16	150.00	0.48	0.76	0.68	2.00	±0.10

Marking： E211048 AWM STYLE 3280 NO. AWG 105℃ 300V EP QIFURUI c AWM I A 105℃ 300V FT2 –LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- FT/roll				3F
14~16AWG	☐ 250Ft	☐ 500Ft	■ 1000Ft	☐ 2000Ft	
18~26AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging					

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CHARACTER:

1.Physical performance

a、Low density high filling ability

b、Good mechanical properties

c、The fine aging resistance, resistance to weather resistance, heat resistance, ozone, acid and alkali resistant, resistance to water vapor

d、In the 150 200 ℃ can be short or intermittent use

e、Of high resistance to chemicals

2.Electrical Properties

a、Electrical insulation good

b、Good the dielectric properties

3.Processing properties

a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、According to UL standard design

4.Environmental protection

a、ROHS/REACH compliant

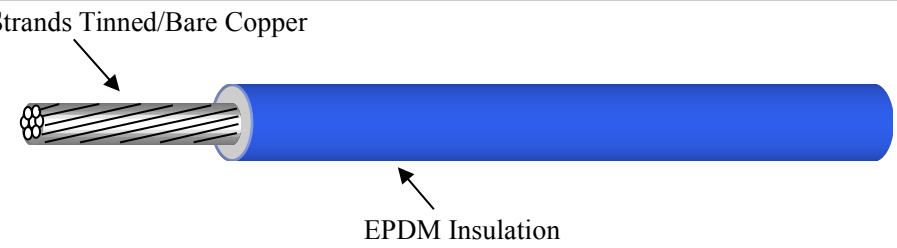
SHOULD BE USED:

Motor Leads and Internal Wiring of Appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Motor Leads and Internal Wiring of Appliances.

UL3284

Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: EPDM Insulation

Motor Leads and Internal Wiring of Appliances. . Conductor temperature not over 125℃

EPDM insulated wire

Rated temperature: 125℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Min	Max
3284	08	168/0.254	2.23	3.80	1.52	1.37	6.84	±0.20
	10	105/0.254	3.54	3.00	1.15	1.04	5.30	±0.15
	12	65/0.254	5.64	2.36	1.15	1.04	4.66	±0.15
	14	41/0.254	8.96	1.88	1.15	1.04	4.18	±0.15
	16	26/0.254	14.60	1.50	1.15	1.04	3.80	±0.15
	18	16/0.254	23.20	1.17	1.15	1.04	3.48	±0.10
	20	21/0.18	36.70	0.95	1.15	1.04	3.25	±0.10
	22	17/0.16	59.40	0.76	1.15	1.04	3.06	±0.10
	24	11/0.16	94.20	0.61	1.15	1.04	2.91	±0.10
	26	7/0.16	150.00	0.48	1.15	1.04	2.78	±0.10

Marking： E211048 AWM STYLE 3284 NO. AWG 125℃ 600V EP QIFURUI c AWM I A 125℃ 600V FT2 –LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	**Packing- FT/roll**				3F
8~10AWG	☐ **250Ft**	■ **500Ft**	☐ **1000Ft**	☐ **2000Ft**	
12~16AWG	☐ **250Ft**	☐ **500Ft**	■ **1000Ft**	☐ **2000Ft**	
18~26AWG	☐ **250Ft**	☐ **500Ft**	☐ **1000Ft**	■ **2000Ft**	
According to customer requirements for packaging packaging					

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CHARACTER:

1.Physical performance

a、Low density high filling ability

b、Good mechanical properties

c、The fine aging resistance, resistance to weather resistance, heat resistance, ozone, acid and alkali resistant, resistance to water vapor

d、In the 150 200 ℃ can be short or intermittent use

e、Of high resistance to chemicals

2.Electrical Properties

a、Electrical insulation good

b、Good the dielectric properties

3.Processing properties

a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、According to UL standard design

4.Environmental protection

a、ROHS/REACH compliant

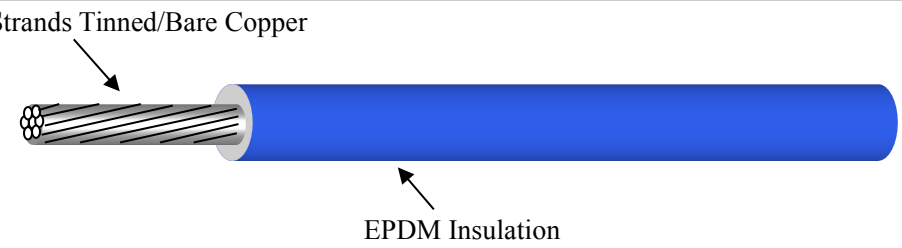
SHOULD BE USED:

Motor Leads and Internal Wiring of Appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Motor Leads and Internal Wiring of Appliances.

UL3285

Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: EPDM Insulation

Motor Leads and Internal Wiring of Appliances. . Conductor temperature not over 125℃

EPDM insulated wire

Rated temperature: 125℃ rated voltage: 300V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Min	Max
3285	14	41/0.254	8.96	1.88	0.76	0.69	3.40	±0.15
	16	26/0.254	14.60	1.50	0.76	0.69	3.00	±0.10
	18	16/0.254	23.20	1.17	0.76	0.69	2.70	±0.10
	20	21/0.18	36.70	0.95	0.76	0.69	2.47	±0.10
	22	17/0.16	59.40	0.76	0.76	0.69	2.28	±0.10
	24	7/0.20	94.20	0.61	0.76	0.69	2.13	±0.10
	26	7/0.16	150.00	0.48	0.76	0.69	2.00	±0.10

Marking: E211048 AWM STYLE 3285 NO. AWG 125℃ 300V EPDM QIFURUI c AWM I A 125℃ 300V FT2 –LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	**Packing-** FT**/roll**				3F
14~16AWG	☐ **250Ft**	☐ **500Ft**	■ **1000Ft**	☐ **2000Ft**	
18~26AWG	☐ **250Ft**	☐ **500Ft**	☐ **1000Ft**	■ **2000Ft**	
According to customer requirements for packaging packaging					

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CHARACTER:

1.Physical performance

a、Low density high filling ability

b、Good mechanical properties

c、The fine aging resistance, resistance to weather resistance, heat resistance, ozone, acid and alkali resistant, resistance to water vapor

d、In the 150 200 ℃ can be short or intermittent use

e、Of high resistance to chemicals

2.Electrical Properties

a、Electrical insulation good

b、Good the dielectric properties

3.Processing properties

a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、According to UL standard design

4.Environmental protection

a、ROHS/REACH compliant

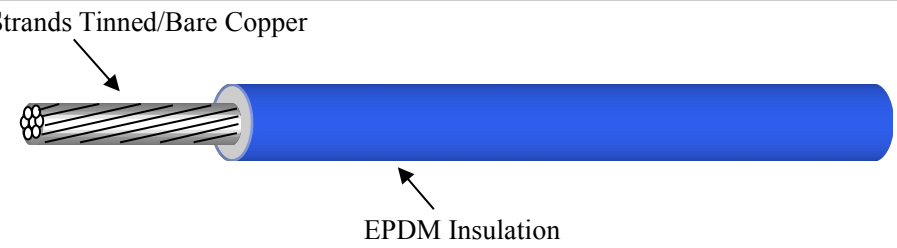
SHOULD BE USED:

Motor Leads and Internal Wiring of Appliances.

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Motor Leads and Internal Wiring of Appliances.

UL3311

Wire structure description:

Conductor: Tinned /Bare copper ;

Insulation materials: EPDM Insulation

Motor Leads and Internal Wiring of Appliances. . Conductor temperature not over 90℃

EPDM insulated wire

Rated temperature: 90℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Min	Max
3311	2/0	19/70/0.254	0.277	12.24	2.03	1.83	16.30	±0.25
	1/0	19/55/0.254	0.349	10.89	2.03	1.83	14.95	±0.25
	1	19/44/0.254	0.440	9.74	2.03	1.83	13.80	±0.25
	2	7/95/0.254	0.555	8.56	1.52	1.37	11.60	±0.20
	4	7/60/0.254	0.882	6.81	1.52	1.37	9.85	±0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.20
	08	168/0.254	2.23	3.80	1.52	1.37	6.85	±0.15
	10	105/0.254	3.54	3.00	1.52	1.37	6.05	±0.15
	12	65/0.254	5.64	2.36	1.52	1.37	5.40	±0.15
	14	41/0.254	8.96	1.88	1.52	1.37	4.92	±0.15
	16	26/0.254	14.60	1.50	1.52	1.37	4.55	±0.15
	18	16/0.254	23.20	1.17	1.52	1.37	4.20	±0.15
	20	21/0.18	36.70	0.95	1.52	1.37	4.00	±0.15
	22	17/0.16	59.40	0.76	1.52	1.37	3.80	±0.15
	24	11/0.16	94.20	0.61	1.52	1.37	3.65	±0.15
	26	7/0.16	150.00	0.48	1.52	1.37	3.52	±0.15
	28	7/0.127	239.00	0.38	1.52	1.37	3.42	±0.15
	30	7/0.10	381.00	0.30	1.52	1.37	3.35	±0.15

Marking: E211048 AWM STYLE 3311 NO. AWG 90℃ 600V EPDM

QIFURUI c AWM I A 90℃ 600V FT2 –LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- FT/roll				
2/0-4AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft	3F
6~10AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft	
18~30AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging					

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CHARACTER:

1.Physical performance

a、Low density high filling ability

b、Good mechanical properties

c、The fine aging resistance, resistance to weather resistance, heat resistance, ozone, acid and alkali resistant, resistance to water vapor

d、In the 150 200 ℃ can be short or intermittent use

e、Of high resistance to chemicals

2.Electrical Properties

a、Electrical insulation good

b、Good the dielectric properties

3.Processing properties

a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、According to UL standard design

4.Environmental protection

a、ROHS/REACH compliant

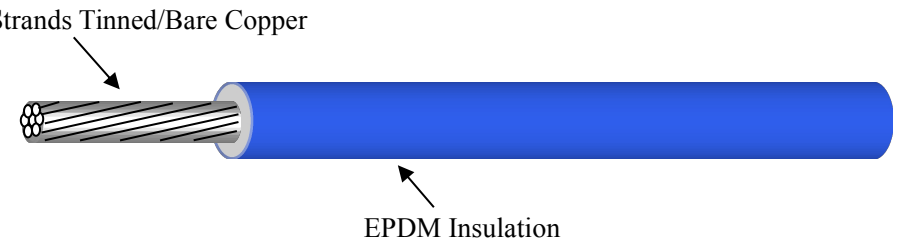
SHOULD BE USED:

Internal wiring (such as refrigerating equipment, room cooler units, and heat pumps).

REFERENCE:

UL758-2010、UL1581-2009

Outline:



Internal Wiring UL3328

Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: EPDM Insulation

Internal Wiring . Conductor temperature not over 125℃ EPDM insulated wire
Rated temperature: 125℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Min	Max
3328	16	26/0.254	14.60	1.50	1.52	1.37	4.55	±0.15
	18	16/0.254	23.20	1.17	1.52	1.37	4.22	±0.15

Marking: E211048 AWM STYLE 3328 NO. AWG 125℃ 600V EPDM QIFURUI c AWM I A 125℃ 600V FT2 –LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- FT/roll				3F
16AWG	☐ 250Ft	☐ 500Ft	■ 1000Ft	☐ 2000Ft	
18AWG	☐ 250Ft	☐ 500Ft	☐ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging					

This document belongs to the Shenzhen QFR Electronics Co., Ltd. all, the prohibition of unauthorized copying, transmission

CHARACTER:

1.Physical performance

a、Low density high filling ability

b、Good mechanical properties

c、The fine aging resistance, resistance to weather resistance, heat resistance, ozone, acid and alkali resistant, resistance to water vapor

d、In the 150 200 ℃ can be short or intermittent use

e、Of high resistance to chemicals

2.Electrical Properties

a、Electrical insulation good

b、Good the dielectric properties

3.Processing properties

a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、According to UL standard design

4.Environmental protection

a、ROHS/REACH compliant

SHOULD BE USED:

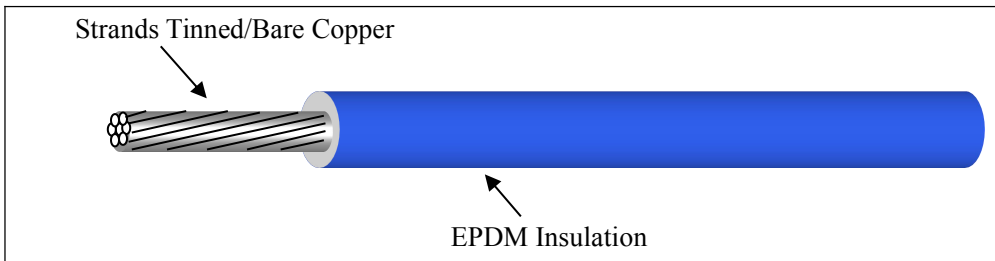
Internal Wiring of Lighting Fixtures, Appliances or Electronic Equipment, where exposed to temperatures not exceeding 125 deg C.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Marking: E211048 AWM STYLE 3478 NO. AWG 125℃ 600V EPDM QIFURUI c AWM I A 125℃ 600V FT2 –LF-



Internal Wiring of Lighting Fixtures, Appliances or Electronic Equipment UL3478

Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: EPDM Insulation

Internal Wiring of Lighting Fixtures, Appliances or Electronic Equipment. . Conductor temperature not over 125℃ EPDM insulated wire
Rated temperature: 125℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Min	Max
3478	4/0	19/44/0.404	0.172	15.48	2.00	1.78	19.50	±0.25
	3/0	7/37/0.643	0.219	13.54	2.00	1.78	17.55	±0.25
	2/0	19/70/0.254	0.277	12.26	2.00	1.78	16.26	±0.25
	1/0	19/55/0.254	0.349	10.88	2.00	1.78	14.90	±0.25
	1	19/44/0.254	0.440	9.72	2.00	1.78	13.75	±0.25
	2	7/95/0.254	0.555	8.56	1.52	1.37	11.60	±0.20
	4	7/60/0.254	0.882	6.81	1.52	1.37	9.85	±0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.20
	7	7/30/0.254	1.768	4.82	1.52	1.37	7.86	±0.20
	08	168/0.254	2.23	3.80	1.15	1.04	6.10	±0.15
	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	3.95	±0.15
	14	41/0.254	8.96	1.88	0.80	0.69	3.50	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.15
	18	16/0.254	23.20	1.17	0.80	0.69	2.75	±0.10
	20	26/0.16	36.70	0.94	0.80	0.69	2.55	±0.10
	20	21/0.18	36.70	0.95	0.80	0.69	2.55	±0.10
	22	17/0.16	59.40	0.76	0.80	0.69	2.35	±0.10
	24	11/0.16	94.20	0.61	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.08	±0.10
	28	7/0.127	239.00	0.38	0.80	0.69	1.98	±0.10
	30	7/0.10	381.00	0.30	0.80	0.69	1.90	±0.10

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- FT/roll				
4/0-4AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft	3F
6~10AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft	
18~30AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging					

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CHARACTER:

1.Physical performance

a、Low density high filling ability

b、Good mechanical properties

c、The fine aging resistance, resistance to weather resistance, heat resistance, ozone, acid and alkali resistant, resistance to water vapor

d、In the 150 200 ℃ can be short or intermittent use

e、Of high resistance to chemicals

2.Electrical Properties

a、Electrical insulation good

b、Good the dielectric properties

3.Processing properties

a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、According to UL standard design

4.Environmental protection

a、ROHS/REACH compliant

SHOULD BE USED:

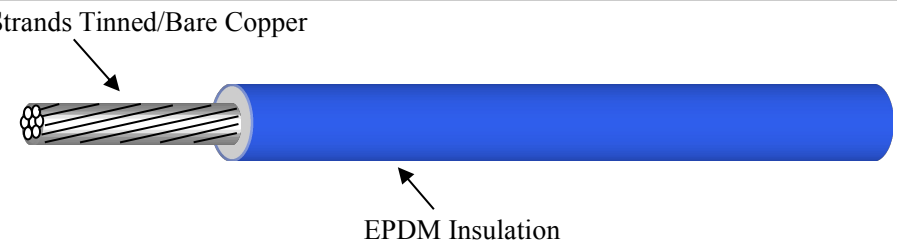
Internal Wiring of Lighting Fixtures, Appliances or Electronic Equipment, where exposed to temperatures not exceeding 125 deg C.

REFERENCE:

UL758-2010、UL1581-2009

Outline:

Marking: E211048 AWM STYLE 3484 NO. AWG 125℃ 600V EP QIFURUI c AWM I A 125℃ 600V FT2 –LF-



Internal Wiring of Lighting Fixtures, Appliances or Electronic Equipment UL3484

Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: EPDM Insulation

Internal Wiring of Lighting Fixtures, Appliances or Electronic Equipment. . Conductor temperature not over 125℃ EPDM insulated wire
Rated temperature: 125℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm)	
					Nom.	Min.	Min	Max
3484	4/0	19/44/0.404	0.172	15.48	2.03	1.83	19.54	±0.25
	3/0	7/37/0.643	0.219	13.54	2.03	1.83	17.60	±0.25
	2/0	19/70/0.254	0.277	12.26	2.03	1.83	16.32	±0.25
	1/0	19/55/0.254	0.349	10.88	2.03	1.83	14.95	±0.25
	1	19/44/0.254	0.440	9.72	2.03	1.83	13.78	±0.25
	2	7/95/0.254	0.555	8.56	1.52	1.37	11.60	±0.20
	4	7/60/0.254	0.882	6.81	1.52	1.37	9.85	±0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.20
	08	168/0.254	2.23	3.80	1.15	1.04	6.10	±0.15
	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	3.95	±0.15
	14	41/0.254	8.96	1.88	0.80	0.69	3.50	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.15
	18	16/0.254	23.20	1.17	0.80	0.69	2.75	±0.10
	20	21/0.18	36.70	0.95	0.80	0.69	2.55	±0.10
	22	17/0.16	59.40	0.76	0.80	0.69	2.35	±0.10
	24	11/0.16	94.20	0.61	0.80	0.69	2.20	±0.10
	26	7/0.16	150.00	0.48	0.80	0.69	2.08	±0.10
	28	7/0.127	239.00	0.38	0.80	0.69	1.98	±0.10
	30	7/0.10	381.00	0.30	0.80	0.69	1.90	±0.10

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE					
Part No.	Packing- FT/roll				
4/0-4AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft	3F
6~10AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft	
18~30AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging					

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Email:all@qifurui.com
Tel:0755-33897988
Fax: 0755-33843991-3
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CHARACTER：

1.Physical performance

a、Tensile strength≥4.83MPa;**elongation at break**≥250%。
After aging：
Condition：121℃±1℃ /240h
Tensile strength residual rate≥50%，**elongation at break**≥50%

b、Flame retardancy：FT2, horizontal burning, burning once, 30s each time, no particles or droplets igniting the cotton layer can be emitted on the sample during the test

c、Low temperature bending：－10℃±2℃，4h，no crack on the surface of the sample is qualified

2.Electrical Properties

a、Rated temperature: 90℃ **Rated voltage**: 600V

b 、 Spark test: no breakdown occurs when passing through the test electrode. The spark test voltage was 6KV AC

c、Medium voltage: 2.0KV AC, 60 seconds without breakdown

3.Processing properties

a、Use hot extrusion processing

b、Twisted-pair and multi-core strands can be used

c、Designed according to UL standards

4.Environmental protection

a、ROHS/REACH compliant

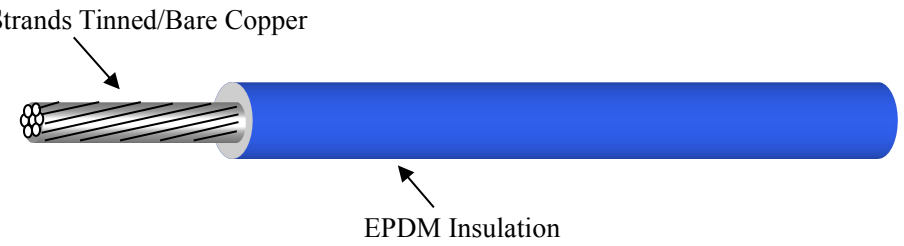
SHOULD BE USED：

Internal wiring of electronic, electrical and equipment.

REFERENCE：

UL758-2010、UL1581-2009

Outline：



Motor Leads and Internal Wiring of Appliances.

UL3311

Wire structure description：
Conductor: Tinned /Bare copper ；
Insulation materials: EPDM Insulation

Motor Leads and Internal Wiring of Appliances. . Conductor temperature not over 90℃
EPDM insulated wire
Rated temperature: 90℃ rated voltage: 600V

STYLE	standard AWG	Conductor size (No./ mm) ±0.005mm	Conductor resistance 20℃ （Ω/Km）	Conductor Dia.(mm)	insulation thickness (mm)		Overall diameter (mm）	
					Nom.	Min.	Min	Max
3311	4/0	19/44/0.404	0.172	15.48	2.03	1.83	19.54	±0.30
	3/0	19/87/0.254	0.219	13.68	2.03	1.83	17.75	±0.30
	2/0	19/70/0.254	0.277	12.24	2.03	1.83	16.30	±0.25
	1/0	19/55/0.254	0.349	10.89	2.03	1.83	14.95	±0.25
	1	19/44/0.254	0.440	9.74	2.03	1.83	13.80	±0.25
	2	7/95/0.254	0.555	8.56	1.52	1.37	11.60	±0.20
	4	7/60/0.254	0.882	6.81	1.52	1.37	9.85	±0.20
	6	7/38/0.254	1.403	5.41	1.52	1.37	8.45	±0.20
	08	168/0.254	2.23	3.80	1.52	1.37	6.85	±0.15
	10	105/0.254	3.54	3.00	1.52	1.37	6.05	±0.15
	12	65/0.254	5.64	2.36	1.52	1.37	5.40	±0.15
	14	41/0.254	8.96	1.88	1.52	1.37	4.92	±0.15
	16	26/0.254	14.60	1.50	1.52	1.37	4.55	±0.15
	18	16/0.254	23.20	1.17	1.52	1.37	4.20	±0.15
	20	21/0.18	36.70	0.95	1.52	1.37	4.00	±0.15
	22	17/0.16	59.40	0.76	1.52	1.37	3.80	±0.15
	24	11/0.16	94.20	0.61	1.52	1.37	3.65	±0.15
	26	7/0.16	150.00	0.48	1.52	1.37	3.52	±0.15
	28	7/0.127	239.00	0.38	1.52	1.37	3.42	±0.15
	30	7/0.10	381.00	0.30	1.52	1.37	3.35	±0.15

Marking： E211048 AWM STYLE 3311 NO. AWG 90℃ 600V EPDM
QIFURUI c AWM I A 90℃ 600V FT2 –LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

3Fproduct code：

eg：33111D000-1045
UL3311，1/0AWG，BLACK，19/55/0.254，Tinned

PACKAGE

*PACKAGE					
Part No.	Packing- FT/roll				
3/0-4AWG	■ 250Ft	□ 500Ft	□ 1000Ft	□ 2000Ft	
6~10AWG	□ 250Ft	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~16AWG	□ 250Ft	□ 500Ft	■ 1000Ft	□ 2000Ft	
18~30AWG	□ 250Ft	□ 500Ft	□ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging					

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