

**ETFE**

450/750V, 135°C

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm <sup>2</sup>		inch	mm	

**135°C • 24 - 10 AWG • Stranded Tin-Plated Copper Wire****ETFE Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue)VDE 0250  
Part 106

Unshielded

For internal wiring of power electronics, heating  
appliances and lighting at an ambient temperature  
exceeding 55°C.

<b>HMC4089</b>	1640	500	5.0	2.3	(14x0.15) TPC	24	0.25	0.061	1.55
<b>HMC4090</b>	1640	500	8.0	3.7	(16x0.20) TPC	20	0.50	0.073	1.85
<b>HMC4091</b>	1640	500	11.0	5.0	(24x0.20) TPC	18	0.75	0.079	2.00
<b>HMC4092</b>	1640	500	14.3	6.5	(32x0.20) TPC	17	1.00	0.087	2.20
<b>HMC4093</b>	1640	500	20.9	9.5	(30x0.25) TPC	16	1.50	0.104	2.65
<b>HMC4094</b>	1640	500	34.2	15.5	(50x0.25) TPC	14	2.50	0.132	3.35
<b>HMC4095</b>	1640	500	50.7	23.0	(56x0.30) TPC	12	4	0.150	3.80
<b>HMC4096</b>	1640	500	70.5	32.0	(84x0.30) TPC	10	6	0.173	4.40

**135°C • 24 - 10 AWG • Solid Tin-Plated Copper Wire****ETFE Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue)VDE 0250  
Part 106

Unshielded



<b>HMC4097</b>	1640	500	4.9	2.2	(1x0.56) TPC	24	0.25	0.057	1.45
<b>HMC4098</b>	1640	500	7.9	3.6	(1x0.80) TPC	20	0.50	0.067	1.70
<b>HMC4099</b>	1640	500	10.8	4.9	(1x0.98) TPC	18	0.75	0.075	1.90
<b>HMC4100</b>	1640	500	13.2	6.0	(1x1.13) TPC	17	1.00	0.081	2.05
<b>HMC4101</b>	1640	500	19.8	9.0	(1x1.38) TPC	16	1.50	0.098	2.50
<b>HMC4102</b>	1640	500	33.1	15.0	(1x1.78) TPC	14	2.50	0.122	3.10
<b>HMC4103</b>	1640	500	48.5	22.0	(1x2.26) TPC	12	4	0.142	3.60
<b>HMC4104</b>	1640	500	70.5	32.0	(1x2.76) TPC	10	6	0.161	4.10

TPC = Tin-Plated Copper • DCR = DC resistance

**ETFE**

600V, 135°C

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm <sup>2</sup>		inch	mm	

**135°C • 20 - 2 AWG • Stranded Tin-Plated Copper Wire****ETFE Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue)VDE 0207  
Part 6  
ASTM-D 3159

Unshielded

For wiring at low and high ambient temperatures  
and/or corrosive environments.

Bi color combinations are available on request.

<b>HMC4105</b>	1640	500	7.5	3.4	(7x0.30) TPC	20	0.50	0.059	1.51
<b>HMC4106</b>	1640	500	7.6	3.5	(15x0.203) TPC	20	0.50	0.060	1.52
<b>HMC4107</b>	1640	500	11.0	5.0	(19x0.228) TPC	18	0.75	0.067	1.69
<b>HMC4108</b>	1640	500	10.4	4.7	(22x0.203) TPC	18	0.75	0.067	1.70
<b>HMC4109</b>	1640	500	13.2	6.0	(29x0.203) TPC	17	1.00	0.074	1.88
<b>HMC4110</b>	1640	500	18.7	8.5	(27x0.254) TPC	16	1.50	0.088	2.24
<b>HMC4111</b>	1640	500	30.9	14.0	(45x0.254) TPC	14	2.50	0.104	2.65
<b>HMC4112</b>	1640	500	47.4	21.5	(50x0.30) TPC	12	4	0.124	3.15
<b>HMC4113</b>	328	100	13.9	6.3	(75x0.30) TPC	10	6	0.152	3.85
<b>HMC4114</b>	328	100	24.3	11.0	(80x0.404) TPC	8	10	0.224	5.70
<b>HMC4115</b>	328	100	37.0	16.8	(126x0.404) TPC	6	16	0.268	6.80
<b>HMC4116</b>	328	100	56.4	25.6	(196x0.404) TPC	4	25	0.339	8.60
<b>HMC4117</b>	328	100	79.1	35.9	(276x0.404) TPC	2	35	0.390	9.90

**135°C • 30 - 20 AWG • Solid Tin-Plated Copper Wire****ETFE Insulation** (Brown, Red, Orange, Yellow, Green, Violet, Grey, White, Black and Blue)VDE 0207  
Part 6  
ASTM-D 3159

Unshielded



Bi color combinations are available on request.

<b>HMC4118</b>	1640	500	1.3	0.6	(1x0.254) TPC	30	0.051	0.034	0.86
<b>HMC4119</b>	1640	500	1.8	0.8	(1x0.32) TPC	28	0.080	0.036	0.92
<b>HMC4120</b>	1640	500	2.3	1.1	(1x0.40) TPC	26	0.126	0.039	1.00
<b>HMC4121</b>	1640	500	3.3	1.5	(1x0.50) TPC	24	0.197	0.043	1.10
<b>HMC4122</b>	1640	500	4.6	2.1	(1x0.64) TPC	22	0.32	0.049	1.24
<b>HMC4123</b>	1640	500	7.1	3.2	(1x0.80) TPC	20	0.50	0.055	1.40

TPC = Tin-Plated Copper • DCR = DC resistance

Also available on request:

DEF STAN 61-12 Part 29 ETFE wires Type 1 to Type 6.