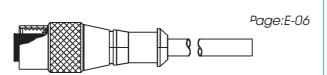
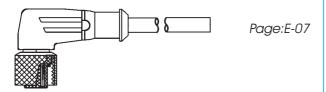


Page:E-05

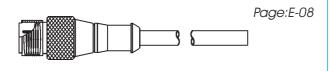


Micro-style/Female/Straight

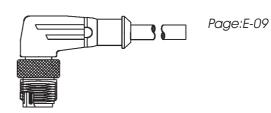
Micro-style/Male/Right Angle



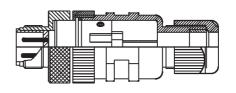
Micro-style/Male/Right Angle



Micro-style/Male/Straight

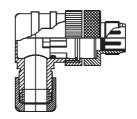


Micro-style/Male/Straight



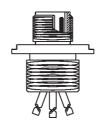
Page:E-10

Micro-style/Male/Straight



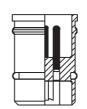
Page:E-11

Micro-style/Male/Right Angle



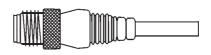
Page:E-12

Micro-style/Male/Straight



Page:E-13

Micro-style/Male/Straight



Page:E-14

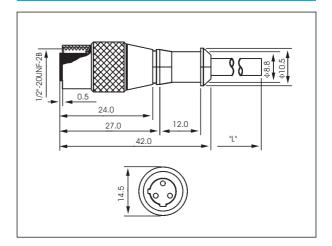
Micro-style/Male/Straight

View



- Female Micro-style
- Screw locking with (auto) securing safety nut
- With moulded cable
- PVC offers good resistance to oils and chemicals

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

 $(-25 \ ^{\circ}\text{C} \ /+90 \ ^{\circ}\text{C} \ / \leq 100\% \text{rF})$

Moulded Body: TPU, self-extinguishing

Nominal Power: 4A

Nominal Voltage: 300VAC

Contact: CuZn, brass, pre-nickeled and 0.3 microns gold-plated

5poles= CuZn, brass, pre-nickeled and 0.8 microns gold-plated

Body: TPU, self-extinguishing Securing Safety nut: Nickel plated brass

Protection: IP 68 O-Ring: Viton Contact Resistance: $\leq 5m\Omega$

Test Voltage: 3+4poles 2.0 KV eff./60s.

5 poles 1.5 KV eff./60s.

Insulation Resistance: > $10^{9}\Omega$ CSA certified: 219967

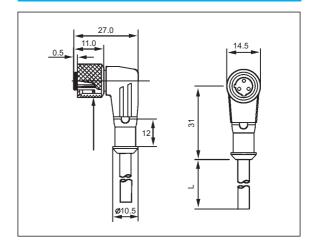
Catalog Number								
Part-No	Dalaa	Face View	Color Code	Coi	nductors	Outer Jacket		
i ait-iio	Poles	female	Oolor Oodc	Guage	Stranding	φ mm	Material	
U-FS3TAV152	3	3 2	1=green 2=red/black 3=red/white	0.25mm ²	26 x ⊕0.13	5.0	PVC	
U-FS4TAV162	4	(4) (3) (0) (1) (2)	1=red/black 2=red/white 3=red 4=green	0.25mm²	26 x ∳0.13	5.0	PVC	
U-FS5TAV182	5	3 2 0 0 0 5	1=red/white 2=red 3=green 4=red/yellow 5=red/black	0.34mm ²	26×Φ0.13	5.2	PVC	
U-FS6TAV192	6	3 (4) (9) (6) (6) (6) (6) (6) (7) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	1=red/white 2=red 3=green 4=red/yellow 5=red/black 6=red/blue	0.25mm²	26 x ⊕0.13	6.3	PVC	

View



- Female Micro-style right-angle style
- Screw locking with (auto) securing safety nut
- With moulded cable
- PVC offers good resistance to oils and chemicals

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

(-25 °C /+90 °C / ≤ 100%rF)

Moulded Body: TPU,self-extinguishing

Nominal Power: 4A Nominal Voltage: 300VAC

Contact: CuZn,brass,pre-nickeled and 0.3 microns gold-plated

5poles= CuZn,brass,pre-nickeled and 0.8 microns gold-plated

Body: TPU,self-extinguishing

Securing Safety nut: Nickel plated brass

Protection: IP 68 O-Ring: Viton Contact Resistance: $\leq 5 \text{ m}\Omega$

Test Voltage: 3+4poles 2.0 KV eff./60s.

5 poles 1.5 KV eff./60s.

Insulation Resistance: $> 10^{9} \Omega$ CSA certified: 219967

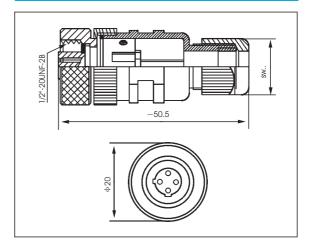
Catalog Number								
Part-No	Poles	Face View	Color Code	Con	ductors	Outer Jacket		
1 art-110	Poles	female	00:01 0000	Guage	Stranding	φ mm	Material	
U-FA3TAV152	3	① ③ ② ②	1=green 2=red/black 3=red/white	0.25mm²	26 x ∳ 0.13	5.0	PVC	
U-FA4TAV162	4	@ @	1=red/black 2=red/white 3=red 4=green	0.25mm²	26 x ∳ 0.13	5.0	PVC	
U-FA5TAV182	5	3 2 60 4 0 6	1=red/white 2=red 3=green 4=red/yellow 5=red/black	0.34mm²	26 x φ 0.13	5.2	PVC	
U-FA6TAV192	6	3 (4) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	1=red/white 2=red 3=green 4=red/yellow 5=red/black 6=red/blue	0.25mm²	26 x ⊕0.13	6.3	PVC	

View



- Micro-style with locknut
- Nylon molded connector shell
- Convenient screw terminations

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

(-40 °C /+90 °C / ≤ 100%rF)

Moulded Body: PA, self-extinguishing

Nominal Power: 4A

Nominal Voltage:

250VAC

O-ring: NBR

Contact: CuZn, 2-4um CuSnZn (OPTALLOY)

Body: PA, self-extinguishing

Locknut: Nickel plated brass

Mode of Connection: Screw clamps

Protection: IP 67

Test Voltage: 1.25 KV eff./60s.

Insulation Resistance: $> 10^9 \Omega$

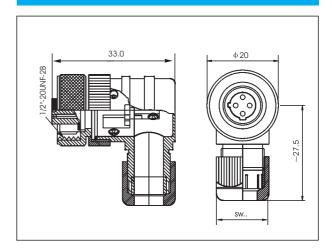
Catalog Number					
Part-No	Poles	Face View female	Max. Wire section	Screw Joint for cable	SW
U-FS3KA/PG7	3)	max.	PG 7 ∳4.0 - 6.0 mm	15
U-FS3KA/PG9	3	3 2	0.75 mm²	PG 9 Φ6.0 - 8.0 mm	19
U-FS4KA/PG7	4	4	max.	PG 7 ∳4.0 - 6.0 mm	15
U-FS4KA/PG9	- 4	(36°)0 (20°)	0.75 mm ²	PG 9 ∳6.0 - 8.0 mm	19
	1				

View



- Female micro-style with locknut
- Right-angle style
- Nylon molded connectdor shell
- Convenient screw terminations

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

(-40 °C /+90 °C ≤ 100%rF)

Moulded Body: PA,self-extinguishing

Nominal Power: 4A
Nominal Voltage: 250VAC

O-ring: NBR

Contact: CuZn,2-4um CuSnZn (OPTALLOY)

Body: PA,self-extinguishing

Locknut: Nickel plated brass

Mode of Connection: Screw clamps

Protection: IP 67

Test Voltage: 1.25 KV eff./60s.

Insulation Resistance: > 10 9Ω

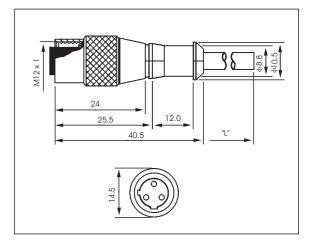
Catalog Number								
Part-No	Poles	Face View female	Max. Wire section	Screw Joint for cable	SW			
U-FA3KA/PG7	3	0	Max 2 T	PG7 ф 4.0-6.0mm	15			
U-FA3KA/PG9	3	3 0 0	0.75 mm²	PG9 ∳ 6.0-8.0mm	19			
U-FA4KA/PG7	4	3 (°°°) (1) 2	Max 0.75 mm²	PG7 ф 4.0-6.0mm	15			
U-FA4KA/PG9	4			PG9 Ф 6.0-8.0mm	19			
	1	1						

View



- Female Micro-style
- Screw locking with(auto)securing safety nut
- locking nut with thread M12x1
- With moulded cable
- Pvc offers good resistance to oils and chemicals

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

 $(-25 \ ^{\circ}\ /+90 \ ^{\circ}\ / \leqslant 100\%rF)$

Moulded Body: TPU, self-extinguishing

Nominal Power: 4A
Nominal Voltage: 300VAC
O-ring: Viton

Contact: CuZn, brass, pre-nickeled, tin-plated

and 0.3 microns gold-plated

Body: TPU, self-extinguishing

Securing Safety nut: Nickel plated brass

Protection: IP 68 Contact Resistance: $\leq 5 \text{m } \Omega$ Test Voltage: 2.0 KV eff./60s.

Insulation Resistance: > $10^{9}\Omega$ CSA certified: 219967

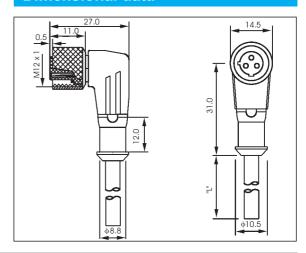
Catalog Number			1			ı	
Part-No	Poles	Face View	Color Code	Con	ductors	Outer Jacket	
i ait-ivo	Poles	female	00101 0000	Guage	Stranding	∮ mm	Material
U-FS3TAV262/M12	3	(a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	1=green 2=red/black 3=red/white	0.34mm²	42×φ 0.10	5.0	PVC

View



- Female Micro-style
- Right-angle style
- Screw locking with (auto) securing safety nut
- Locking nut with thread M12X1
- with moulded cable

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

 $(-25 \ ^{\circ}\ /+90 \ ^{\circ}\ / \leq 100\%rF)$

Moulded Body: TPU, self-extinguishing

Nominal Power: 4A
Nominal Voltage: 300VAC
O-ring: Viton

Contact: CuZn, brass, pre-nickeled, tin-plated

and 0.3 microns gold-plated

Body: TPU, self-extinguishing

Securing Safety nut: Nickel plated brass

Protection: IP 68 Contact Resistance: $\leq 5 \text{m} \Omega$

Test Voltage: 2.0 KV eff./60s.

Insulation Resistance: > $10^{9}\Omega$ CSA certified: 219967

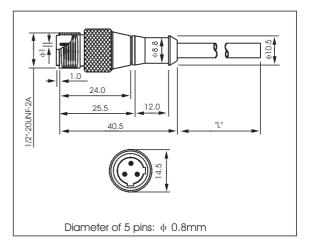
Part-No Poles Face View female Color Code Guage Stranding Material 1 = yellow/green 2 = black 3 = blue Color Code Guage Stranding A 2 x \$\phi\$ 0.34mm² 42x \$\phi\$ 0.10 5.0 PVC	Catalog Number								
1 - FA3TAV262/M12 3	Part No.	Deles		Color Code	Cond	ductors	Oute	er Jacket	
U-FA3TAV262/M12 3 2 = black 0.34mm² 42x ф 0.10 5.0 PVC	Part-NO	Poles	female	00101 0000	Guage	Stranding	ф mm	Material	
	U-FA3TAV262/M12	3	3 2	2 = black	0.34mm²	42×φ0.10	5.0	PVC	

View



- Micro-style
- Screw locking with (auto) securing safety nut
- PVC offers good resistance to oils and chemicals

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

 $(-25 \ ^{\circ}\ /+90 \ ^{\circ}\ / \leq 100\%rF)$

Moulded Body: TPU, self-extinguishing

Nominal Power: 4A

Nominal Voltage: 300VAC

Contact: CuZn, brass, pre-nickeled and

0.8 microns gold-plated

Body: TPU, self-extinguishing

Securing Safety Nut: Nickel plated brass

Protection: IP 68

Test Voltage: 2.0 KV eff./60s.

Insulation Resistance: > $10^{9}\Omega$

CSA certified: 219967

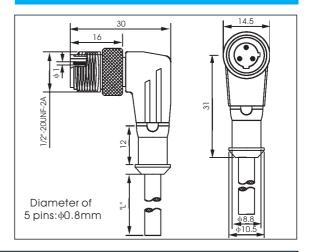
Catalog Number									
	Face View	Color Code	Conc	ductors	Oute	r Jacket			
Poles	male	Color Code	Guage	Stranding	φ mm	Material			
3	@ O 3	1=green 2=red/black 3=red/white	0.25mm²	26 × ф 0.13	5.0	PVC			
4		1=red/black 2=red/white 3=red 4=green	0.25mm²	26×∳0.13	5.0	PVC			
5	(3) (4) (2) (5) (1)	1=red/white 2=red 3=green 4=red/yellow 5=red/black	0.34mm²	26 × ф 0.13	5.2	PVC			
6	3 9 9 9 9 9	1=red/white 2=red 3=green 4=red/yellow 5=red/black 6=red/blue	0.25mm²	26 × ∳ 0.13	6.3	PVC			
	5	3	3 1=green 2=red/black 3=red/white 1=red/white 2=red 4=green 1=red/white 2=red 3=green 4=red/yellow 5=red/black 1=red/white 2=red 3=green 4=red/yellow 5=red/black 5 1=red/white 2=red 3=green 4=red/yellow 5=red/black	Poles male Color Code Guage 1=green 2=red/black 3=red/white 1=red/black 2=red/white 3=red 4=green 0.25mm² 1=red/white 2=red 3=green 4=red/yellow 5=red/black 1=red/white 2=red 3=green 4=red/yellow 5=red/black 0.25mm² 0.25mm² 0.25mm²	3 1=green 2=red/black 3=red/white 0.25mm² 26 x φ 0.13 4 1=green 2=red/black 3=red/white 0.25mm² 26 x φ 0.13 5 3 1=red/white 2=red 3=green 4=red/yellow 5=red/black 3=green 4=red/yellow 5=red/black 0.25mm² 26 x φ 0.13 6 3 1=red/white 2=red 3=green 4=red/yellow 5=red/black 0.25mm² 26 x φ 0.13 6 3 1=red/white 2=red 3=green 4=red/yellow 5=red/black 0.25mm² 26 x φ 0.13 7 1 1 1 1 1 1 1 1 1	Poles Face View male Color Code male Guage Stranding φ mm 3 1=green 2=red/black 3=red/white 0.25mm² 26 x φ 0.13 5.0 4 1=red/black 2=red/white 3=red 4=green 0.25mm² 26 x φ 0.13 5.0 5 3 = red/white 2=red 3=green 4=red/yellow 5=red/black 0.34mm² 26 x φ 0.13 5.2 6 3 = red/white 2=red 3=green 4=red/yellow 5=red/black 5=red/black 0.25mm² 26 x φ 0.13 6.3			

View



- Micro-style
- Right-angle style
- screw locking with(auto) securing safety nut
- With moulded cable
- Pvc offers good resistance to oils and chemicals

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

(-25 °C /+90 °C / ≤ 100%rF)

Moulded Body: TPU,self-extinguishing

Nominal Power: 4A

Nominal Voltage: 300VAC

Contact: CuZn,brass,pre-nickeled and 0.8 microns gold-plated

Body: TPU,self-extinguishing

Securing Safety nut: Nickel plated brass

Protection: IP 68

Test Voltage: 2.0 KV eff./60s.

Insulation Resistance: > 10⁹Ω

CSA certified: 219967

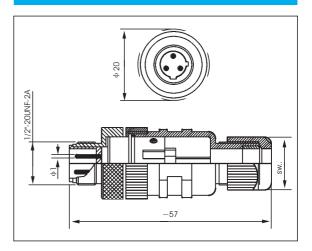
Catalog Number									
Part-No	Poles	Face View	Color Code	Con	ductors	Outer Jacket			
T dit 140	Poles	male	00101 0000	Guage	Stranding	φ mm	Material		
U-MA3TAV152	3	② ② ③	1=green 2=red/black 3=red/white	0.25mm²	26 x ⊕0.13	5.0	PVC		
U-MA4TAV162	4	4 (1) (2) (3) (2)	1=red/black 2=red/white 3=red 4=green	0.25mm²	26 x ⊕0.13	5.0	PVC		
U-MA5TAV182	5	3 4 • 2 5 1	1=red/white 2=red 3=green 4=red/yellow 5=red/black	0.34mm²	26 x Φ0.13	5.2	PVC		
Standard long	th: 20 m 50	m 75 m 10 0 m Oth	or cable longth or c	able specifica	tions on request				

View



- Micro-style
- Nylon molded connector shell
- Convenient screw terminations

Dimensional data



Technical Data

Application cLass: HNA acc. to DIN 40040

 $(-25 \ ^{\circ}\ /+90 \ ^{\circ}\ / \leqslant 100\%rF)$

Moulded Body: TPU, self-extinguishing

Nominal Power: 4A

Nominal Voltage: 250VAC O-ring: NBR

Contact: CuZn, 2-4um CuSnZn

Body: TPU,self-extinguishing

Locknut: Nickel plated brass

Mode of Connection: Screw clamps

Protection: IP 67

Test Voltage: 1.25 KV eff./60s.

Insulation Resistance: $> 10^{9}\Omega$

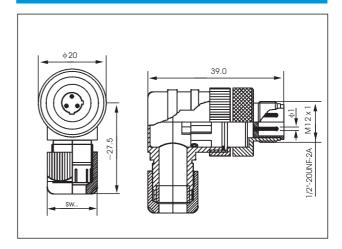
Catalog Number					
Part-No	Poles	Face View male	Max. Wire section	Screw Joint for cable	SW
U-MS3KA/PG7	0	contact 1 leading	max.	PG7 ф4.0 - 6.0mm	15
U-MS3KA/PG9	3	2 3	0.75 mm ²	PG9 ∳6.0 - 8.0mm	19
U-MS4KA/PG7	4	4	max. 0.75 mm²	PG7 ∳4.0 - 6.0mm	15
U-MS4KA/PG9	4	①(•••)3 ②		PG9 ∳6.0 - 8.0mm	19

View



- Micro-style with locknut, right-angle style.
- Convenient screw terminations
- Nylon molded connector shell

Dimensional data



Technical Data

O-ring:

Application Class: HNA acc. to DIN 40040

(-25 °C /+90 °C / ≤ 100%rF)

Moulded Body: PA, self-extinguishing

Nominal Power: 4A Nominal Voltage: 250VAC

Contact: CuZn.2-4um CuSnZn

NBR

Body: PA, self-extinguishing

Locknut: Nickel plated brass

Mode of Connection: Screw clamps

Protection IP 67

Test Voltage: 1.25 KV eff./60s.

Insulation Resistance: $> 10^9 \Omega$

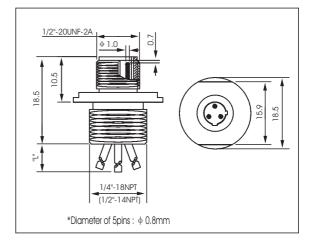
Catalog Number								
Part-No	Poles	Face View male	Max. Wire section	Screw Joint for cable	SW			
U-MA3KA/PG7	3	contact 1 leading	Max.	PG7 φ4.0 - 6.0 mm	15			
U-MA3KA/PG9	3	2 3	0.75 mm²	PG9 ∳6.0 - 8.0 mm	19			
U-MA4KA/PG7	4	(4) (1) (4) (3) (2)	Max. 0.75 mm²	PG7 φ4.0 - 6.0 mm	15			
U-MA4KA/PG9	69			PG9 Φ6.0 - 8.0 mm	19			
5	Standard leng	gth: 2.0 m, 5.0 m, 7.5 m, 10.	0 m. Other cable length or cable	specifications on request .				

View



- Micro-style receptacle
- Front mounting
- With wire ends
- Thread receptacle side 1/4"-18NPT or 1/2"-14NPT

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

 $(-25 \ ^{\circ}\ /+90 \ ^{\circ}\ / \leqslant 100\%rF)$

Moulded Body: TPU, self-extinguishing

Nominal Power: 4A
Nominal Voltage: 300V AC

Contact: CuZn, brass ,pre-nickeled and

0.8 microns gold-plated

Body: TPU, self-extinguishing

Receptacle Housing: Nickel plated brass

O-Ring: Viton
Protection IP 68

Test Voltage: 2.0 KV eff./60s.

Insulation Resistance:> $10^{9} \Omega$ CSA certified: 219967

Catalog Number						
Part-No	Poles	Face View	Color Code	Con	ductors	Conductor insulation
1 art-ivo	Poles	male	00101 0000	Guage	Stranding	φ mm(single)
U-MS3FA/0.5/ 1/4-18NPT	3	contact 1 leading	1=green			
U-MS3FA/0.5/ 1/2-14NPT		2003	2=red/black 3=red/white	0.34mm ²	42x ⊕0.10	1.6
U-MS4FA/0.5/ 1/4-18NPT	4	contact 4 leading 4 ① ② ③ ② ② ②	1=red/black 2=red/white 3=red 4=green	0.34mm²	42x ф 0.10	1.6
U-MS4FA/0.5/ 1/2-14NPT						
U-MS5FA/0.5/ 1/4-18NPT	5	contact 3 leading	1=red/white 2=red	0.34mm²	42x ⊕ 0.10	4.6
U-MS5FA/0.5/ 1/2-14NPT		(a) (2) (5) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	3=green 4=red/yellow 5=red/black		42ΧΨ0.10	1.6

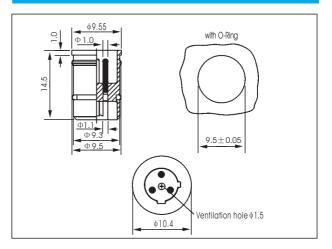
Standard length: 0.5m,2.0 m. Other cable length or cable specifications on request.

View



- Micro-style insert for proximity switch M12, -Type UL (with ventilation hole) -
- Max.wire section: Single conductor 0.75 mm² (AWG 18),stranded wire 0.50 mm² (AWG 20)

Dimensional data



Technical Data

Application class: HNA acc. to DIN 40040

 $(-25 \ ^{\circ}\ /+90 \ ^{\circ}\ / \leq 100\% rF)$

Moulded body: PA, self-extinguishing

Nominal power: 4A

Nominal voltage: 300VAC

Contact: CuZn,brass ,pre-nickeled and

0.8 microns gold-plated

O-Ring: Viton

Protection: IP 68

Test voltage: 3+4poles 2.0 KV eff./60s.

5poles 2.0 KV eff./60s.

Insulation resistance:>10⁹Ω

CSA certified: 219967

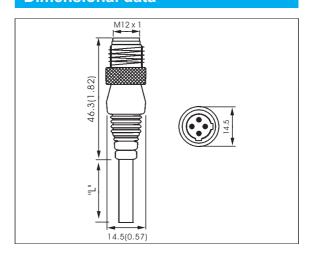
Catalog Number										
Part-No	Poles	Face View male	Shaft-∳ mm	Ventilation Hole						
U-MS3	3	contact 1 leading	9.55 mm/9.4mm							
U-MS3/UL	3	contact 1 leading	9.55 mm/9.4mm	1.5mm						
U-MS4	4	contact 4 leading (4) (1) (2)	9.55 mm/9.4mm							
U-MS5	5	contact 3 leading 3 4 2 5	9.55 mm/9.4mm							
Chandard langth, 20 as 50 as 75 as 400 as Other cable langth as able assailteations as request										

View



- Micro-style
- Screw locking with (auto) securing Safety nut
- With moulded Cable

Dimensional data



Technical Data

Application Class: HNA acc. to DIN 40040

(-25°C / +90 °C / ≤ 100%rF)

Moulded Body: PVC, self-extinguishing

Nominal Power: 4A

Nominal Voltage: 300VAC

Contact: CuZn, brass, pre-nickeled and

0.8 microns gold-plated

Body: PVC, self-extinguishing

Securing Safety Nut: Nickel plated brass

Protection: IP 68

Test Voltage: 2.0 KV eff./60s.

Insulation Resistance: > $10^9 \Omega$ CSA certified: 219967

Part-No Poles Face View male Color Code Guage Stranding of mm Material 1=red/black 2=red/white 3=red 3=red 0.34mm² 7 x \phi 0.25 6.2 PVC	Catalog Number								
Material Materia	Part-No	Poles		Color Code	Conductors		Outer Jacket		
U-MS4/3TAV722/M12 4 1 1=red/black 2=red/white 3=red 0.34mm² 7 x \phi 0.25 6.2 PVC					Guage	Stranding	Φ mm	Material	
	U-MS4/3TAV722/M12	4	1 (3)	2=red/white	0.34mm²	7 × φ0.25	6.2	PVC	