

CIVUS Super-Thin-wall Heat-Resistant PVC-Insulated Low-Voltage wire for Automobiles

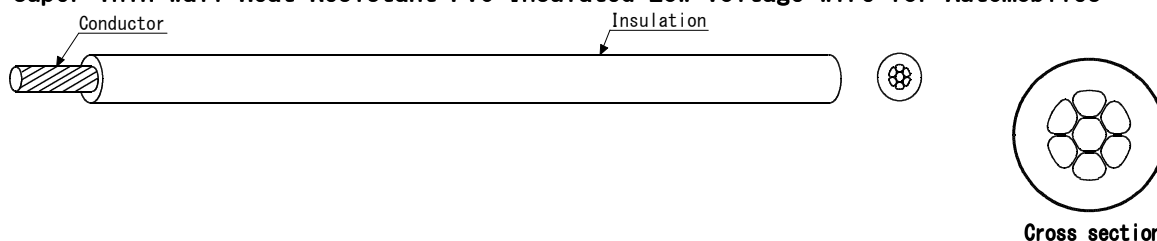
RoHS

Application : Low-voltage wiring of the portions of a car that require high heat resistance.

Features : More thinner wall than AVSS.

- 1) Conductor size: 0.13mm²~1.25mm².
- 2) 0.13mm² uses Tin alloy wire (SN-C).
- 3) Temperature range: ISO 6722 Class B.
- 4) Most lightweight in wire for Automobiles.
- 5) Highly flexible and processible.

《CIVUS》 Super-Thin-wall Heat-Resistant PVC-Insulated Low-Voltage wire for Automobiles



Type	Standards	Compliant	Rated Voltage	Temperature range	Burning Characteristics	Insulation Material
CIVUS	ISO 6722	RoHS	DC 60V	Class B (-40°C~+100°C)	45° angle from the horizontal position flame test	PVC

Type	Size mm ²	Conductor		Insulation			Conductor Resistance (20°C) mΩ/m	Nom. Length m
		Strands/Dia. Num./mm	Nom. Dia. mm	Nom. Thick. mm	Nom. Dia. mm	Max. Dia. mm		
CIVUS	0.13	7/SN-C SB	0.45	0.20	0.85	0.95	210.0	3000
	0.22	7/SB	0.55	0.20	0.95	1.05	84.4	2800
	0.35	7/SB	0.70	0.20	1.10	1.20	54.4	2700
	0.50	7/SB	0.85	0.20	1.25	1.40	37.1	1800
	0.75	11/SB	1.00	0.20	1.40	1.60	24.7	1400
	1.25	16/SB	1.40	0.20	1.80	2.00	14.9	900

SN-C: Tin alloy wire

SB: Stranded and compacted circular conductor

Type	AVSS	CHFUS			CIVUS		
Size	0.3mm ²	0.35mm ²	0.22mm ²	0.13mm ²	0.35mm ²	0.22mm ²	0.13mm ²
CROSS SECTION							
Nom. Dia.	1.40	1.10	0.95	0.85	1.10	0.95	0.85
Relative mass	100	86.7	55.4	38.7	86.0	54.6	38.1
Rated Temp.	JASO D611:80°C	JASO D611:80°C			ISO 6722:100°C		
Remarks	—	—			More flexible		

Color : Black, White, Red, Green, Yellow, Brown, Blue, Gray, Orange, Sky blue, Pink, Violet, Light green