

Technical data

The TSAI-1620m module has the following specifications:

General	Type numbers ¹ :	FS-TSAI-1620m
		FC-TSAI-1620m
	Approvals:	CE, TUV, UL, CSA, FM
Input	Number of input channels:	16 (2 groups of 8 with common 0 V)
	Power requirements:	30 Vdc external, 3 mA (without input loop loads)
	Input current:	0—25 mA
	Input resistance:	250 Ω (\pm 1%)
Output	To passive transmitters (Vext):	
	• Output resistance:	270 Ω (\pm 5%)
	• Igniting current per channel:	< 120 mA at 30 Vdc
	To SAI-1620m module:	
	• Output voltage	0—4 Vdc
	• Accuracy	0.1%
Fuses	Rating:	315 mA (slow-acting)
	Dimensions:	5 × 20 mm (0.20 × 0.79 in)
Physical	Module dimensions:	210 × 70 × 60 mm (L × W × H) 8.26 × 2.76 × 2.36 in (L × W × H)
	DIN EN rails:	TS32 / TS35 × 7.5
	Used rail length:	211 mm (8.30 in)
Termination	Screw terminals:	
	• Max. wire diameter	2.5 mm ² (AWG 14)
	• Strip length	7 mm (0.28 in)
	• Tightening torque	0.5 Nm (0.37 ft-lb)

¹ FS-type modules are non conformal coated modules.
FC-type modules are conformal coated modules. Conformal coated modules have the letters "CC" preceding the version number.