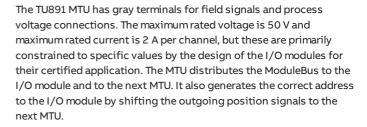


DATA SHEET

TU891

System 800xA hardware selector







Two mechanical keys are used to configure the MTU for different types of I.S. I/O modules. This is only a mechanical configuration and it does not affect the functionality of the MTU or the I/O module. The keys used on the TU891 are of the opposite gender to those on any other type of MTU and will mate only with IS I/O modules.

Features and benefits

- Intrinsic safety applications use with Al890, Al893, Al895, AO890, AO895, DI890 and DO890
- Compact installations of I/O modules
- Field signals and process power connections
- Connections to ModuleBus and I/O modules
- Mechanical keying prevents insertion of the wrong module
- Latching device to DIN rail
- DIN rail mounting

General info	
Article number	3BSC840157R1
Туре	Compact
Connection	Terminal block
Channels	8
Voltage	24V
Mounting	Horizontal
Mounting detail	55 °C (131 °F)
Use with I/O	Al890, Al893, Al895, AO890, AO895, Dl890, DO890
Process connections	27 gray terminals
Single/redundant I/O	Single

Detailed data		
Maximum current per I/O channel	2 A	
	Process Connector:	
	Solid 0.2 - 4 mm ²	
	Stranded 0.2 - 2.5 mm ² , 24-12 AWG	
	Recommended torque 0.5 - 0.6 Nm	
Acceptable wire sizes		
	Power supply connector:	
	0.25 - 2.5 mm², 24 - 14 AWG	
	Recommended torque 0.5 - 0.6 Nm	
Dielectric test voltage	500 V a.c.	

Environment and certification		
CE mark	Yes	
Electrical safety	IEC 61131-2	
Hazardous Location	-	
Marine certification	ABS, BV, DNV-GL, LR	
Protection rating	IP20 according to IEC 60529	
Corrosive atmosphere ISA-S71.04	G3	
Climatic operating conditions	0 to +55 °C (Storage -40 to +70 °C), RH=5 to 95 % no condensation, IEC/EN 61131-2	
Pollution degree	Degree 2, IEC 60664-1	
Mechanical operating conditions	IEC/EN 61131-2	
EMC	EN 61000-6-4, EN 61000-6-2	
Overvoltage categories	IEC/EN 60664-1, EN 50178	
Equipment class	Class I according to IEC 61140; (earth protected)	
RoHS compliance	EN 50581:2012	
WEEE compliance	DIRECTIVE/2012/19/EU	

Dimensions		
Width	64 mm (1.77 in.) including connector, 58.5 mm (2.3 in.) edge to edge installed	
Depth	58 mm (2.28 in.), 106 mm (4.2 in.) including terminals	
Height	194 mm (7.6 in.) including latch	
Weight	0.17 kg (0.37 lbs)	



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