

DATA SHEET

TUC810K01

ABB Ability™ System 800xA® hardware selector



Select I/O is an Ethernet networked, single channel granular I/O system for the ABB Ability™ System 800xA automation platform. Select I/O helps decouple project tasks, minimizes the impact of late changes and supports standardization of I/O cabinetry ensuring automation projects are delivered on-time and under budget. A Signal Conditioning Module (SCM) performs the necessary signal conditioning and powering of the connected field device for one I/O channel.

TUC810K01 an Terminal Cover Kit protects the field terminal blocks and holds wiring labels for the Select I/O TUS810K01 and TUS810K02 MTUs. (10 pieces per package).

Features and benefits

- Terminal Cover which holds user labels for the Select I/O Module Termination Unit
- Swiveling

General info		
Article number	3BSE088181R1	
Туре	Terminal Cover	
Mechanics	Select I/O	

Detailed data	
Installation in Hazardous Area/Locations	ATEX – II 3G Ex nA/eC IIC T4 Gc Class I, Zone 2, IIC T4 Class I, Div 2, Groups A, B, C, D T4

Environment and certification		
Temperature, Operating	-40°C (-40°F) to +70°C (158°F)	
Temperature, Storage	-40°C (-40°F) to +85°C (185°F)	
Pollution degree	Pollution Degree 2 acc. to IEC 60664-1	
Relative humidity	5 to 95 % no condensation	
Altitude	-1000 to 3000 m, (-100 2000 m for Zone 2/Class I Div 2)	
Mechanical operating conditions	IEC 61131-2	
EMC	IEC/EN 61000-6-4, IEC/EN 61000-6-2	
Overvoltage categories	Category II, IEC 60664-1	
Protection class	IP20 according to IEC 60529	
CE-marking	Yes	
Electrical Safety	IEC/EN 61010-1, IEC 61010-2-201, UL 61010-2-201, CSA C22.2 No. 61010-2-201	
Hazardous Area	EN 60079-0, EN60079-7, EN60079-15, UL 12.12.01 / CSA C22.2 No. 213-17	
Marine certification	ABS	
Corrosive atmosphere	G3 (ISA-S71.04)	
RoHS compliance	DIRECTIVE/2011/65/EU (EN 50581:2012)	
WEEE compliance	DIRECTIVE/2012/19/EU	

Dimensions	
Width	45.5 mm (1.79 in.)
Depth	98.5 mm (3.88 in.)
Height	200 mm (7.87 in.)
Weight (including base)	47 g (0.10 lbs)



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