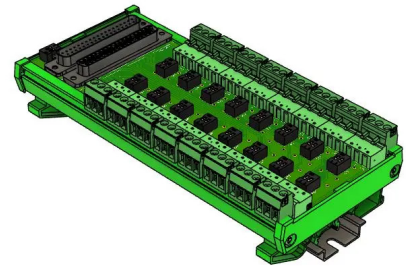


Introducing A Revolution In Panel Wiring With Our Highly Advanced Field Terminal Assembly Fta Engineered For Superior Functionality Our Fta Enables Direct Connection Of Prefabricated Cables To The Digital Input Module Optimizing Field Connections With Unparalleled Efficiency In Your Facility This Fta Module Is Equipped With An Interposing Relay On All Channels Ensuring Complete Isolation From Field Devices To Enhance System Integrity And Safety.



### General Information

Product Type	DI FTA (Field Terminal Assambly)
No Of Channels	32
Hardware Functional Status	From Jul22

### Electrical Properties

Operating Voltage	$\leq 30$ V DC
Current Per Branch	1A
Current Terminal Block	5A

### Input Data

Nominal Input Voltage	24 V Dc
Input Voltage Range	19.2 V DC ... 26.4 V DC
Typical Input Current At	20 mA
Typical Response Time	8 ms
Typical Release Time	10 ms
Protective Circuit	Freewheeling Diode

Output Data	
Contact Switching Type	1 Changeover Contact
Contact Material	AgNi
Maximum Switching Voltage	250 V AC/DC
Minimum Switching Voltage	12 V
Limiting Continuous Current	3.15 ( Limited Fuse)
Minimum Switching Current	10 mA AT 12 V
Error Detection Line Break Short Circuit	No

Connection Data (Control Level)	
Connection In Acc. with Standard	IEC 60603-13
Connection Method	37 Pin D-Sub Connector
Number Of Connection	1

Connection Data (Field Level)	
Connection Method	Double Through, Plug In Screw Terminal
Number Of Connection	For 32 Channels
Conductor Cross Section Rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor Cross Section Flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Tightening Torque	0.5 Nm ... 0.6 Nm

Connection Data (Supply Level)	
Connection Method	Plug In Screw Terminal
Number Of Connection	4
Conductor Cross Section Rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor Cross Section Flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Tightening Torque	0.5 Nm ... 0.6 Nm

Dimension	
Width	450 mm
Height	120 mm
Depth	70.5 mm

Material Specification	
Color	Green
Housing Insulation Material	PVC

Ambient Condition	
Degree of Protection	IP00
Degree Of Protection (Installation Location)	≥ IP54
Ambient Temperature	-20 °C ... 70 °C
Altitude	≤ 2000 m

Mounting	
Mounting Type	Din Rail Mounting
Mounting Position	Any