

Analog in / output 32 point

For 8 and 16 analog signals with fuse per channel

6ES7331-7NF10-0AB0 / 6ES7331-7PF01-0AB0 (RTD)

6ES7332-5HF00-0AB0 (voltage, current)

ST650 / ST800 40P series



Bolt up



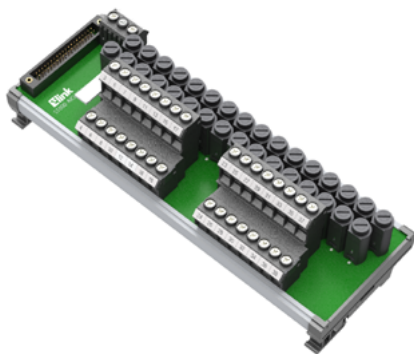
Bolt lock



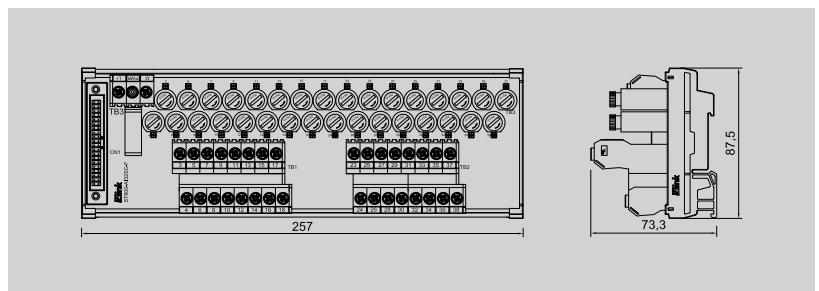
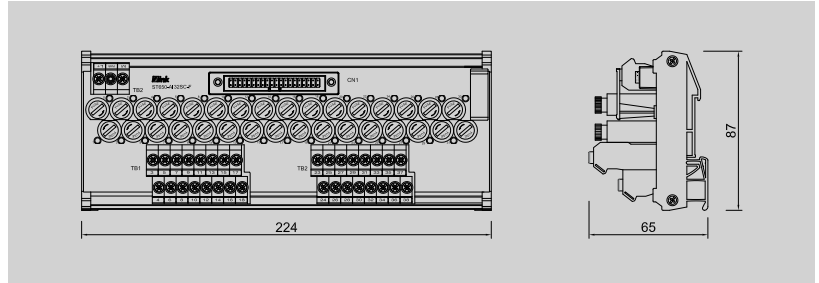
Dark gray



ST650-AI032SC-F 6.50 Pitch



ST800-AI032SC-F 8.00 Pitch



Technical data

Connection data	
Connection to PLC	HE 10 connectors 40-pin
Connection type (field)	Screw bolt up
Connection size (field)	0.34 ~ 2.5mm ² (AWG22 ~ 14)

Input-output data	
Operating voltage	24VDC ± 10%
Max. current for channel	1.5A
Number of signals	32
PLC card supply voltage / LED voltage status	24VDC ± 10% / LED green
LED fuse indication per channel	Red
PLC card supply current	2A
Fuse per channel	100 ~ 500mA

General data	
Ambient temperature	-25°C ~ 50°C
Storage temperature	-40°C ~ 60°C
Rated voltage	≤ 50V AC
Insulation test voltage	0.5KV DC
Weight 6.50 / 8.00	Approx. 388.4g / 461.7g

Dimensions	
Length x width x height (mm)	6.50 Pitch 224 x 87 x 65 8.00 Pitch 257 x 87.5 x 73.3
Mounting rail	TS35 (Weidmuller)

Ordering data	
Order No.	
624317009 (6.50 Pitch)	824320010 (8.00 Pitch)

Accessories / Spare part	
Terminal markers	6.50 8.00 DEK 5/8
Cross-connector	6.50 COM-6509 8.00 COM-8009

Use with	
Front connector	Cable
S7-300S-DA40P	DAHHC40-10K24B Page : 106 DAHHC40-10K25B Page : 106

