



- For the internal electrical connection between CPU & power module and up to 16 I/O modules
- Redundant data bus, power bus with high availability
- Simple, protected installation in NS35/15 DIN rails
- Passive component with redundancy and high availability

A4

WebCode **9494A**



The series 9494 bus rails are used as a backplane bus for the IS1+ remote I/O system. They include an Ex i power bus boasting high availability, a redundant Ex i data bus and address lines. The bus rails are available for 2 or 4 modules and can be combined for up to 18 slots. The BusRail extension cable can be used to place BusRail segments anywhere in the field enclosure.

	ATEX / IECEx					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

	NEC 505 Class I			NEC 506		
Zone	0	1	2	20	21	22
Installation in		•	•			

	NEC 500					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Installation in	•	•				

Selection Table					
Product variant Remote I/O IS1+ BusRail					
Figure	Version	Product Type	Art. No.	Weight kg	
	For 2 modules, beginning	9494/S1-B2	261798 ▲	0.062	
	For 2 modules, end	9494/S1-E2	261799 ▲	0.062	
	For 4 modules	9494/S1-M4	261800 ▲	0.100	
Product variant Remote I/O IS1+ BusRail connecting line					
Figure	Version	Product Type	Art. No.	Weight kg	
	70 cm	9494/L1-V7	261795	0.210	
	110 cm	9494/L1-V8	261796 ▲	0.260	
	Length in acc. with specific.	9494/L1-V9	162867	0.069	
Product variant Remote I/O IS1+ BusRail end piece					
Figure	Version	Product Type	Art. No.	Weight kg	
	Beginning	9494/A1-B0	261933	0.044	
	End	9494/A1-E0	261934	0.044	

### Technical Data

#### Explosion Protection

IECEX gas explosion protection	Ex ia IIC T4 Gb
ATEX gas explosion protection	II 2 G Ex ia IIC T4 Gb
EAC gas explosion protection	1 Ex ia IIC T4 Gb X

#### Certificates

ATEX (PTB), Canada (FM), EAC (Sertium), IECEx (PTB), Korea (KTL), USA (FM)

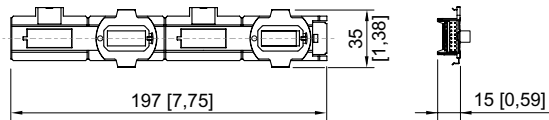
#### Electrical Data

**Engineering note** The BusRail is available in lengths for 2 or 4 modules. One end piece each is necessary at the beginning and the end. The end pieces are available as "BusRail beginning" and "BusRail end" as well as with an integrated connecting line. The connecting line allows for multiple BusRail segments to be set up in one enclosure.

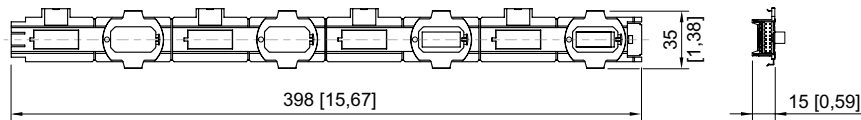
#### Ambient Conditions

Ambient temperature -40°C ... +75°C

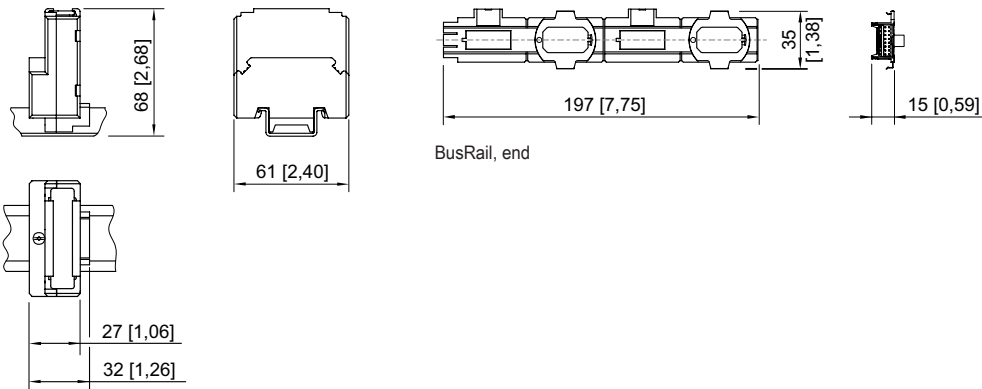
### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



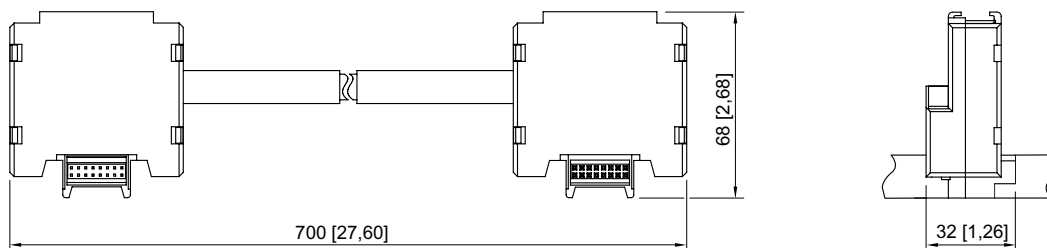
BusRail, beginning



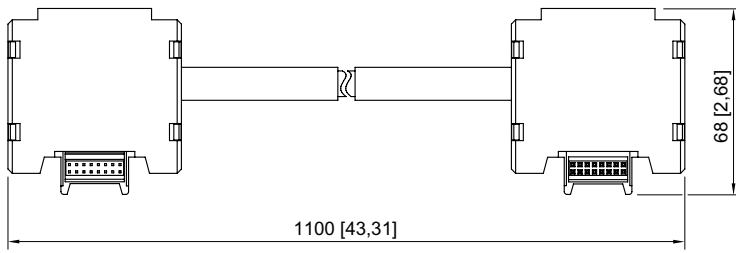
BusRail, centre



BusRail end piece beginning / end



BusRail Connection line



BusRail Connection line

