



**RLSYNMBEB(\_DC)**

**RLCONV**

**RL2SYS**

**RL2SYS\_IS**

Designed for	Monitoring	Small systems with prestart	Large Systems	Hazardous Atmospheres
Number of safety transmitter addresses (dual channel)	Not applicable	40	Up to 96 <sup>1</sup>	
Number of monitoring channels	Up to 192	44	Up to 192 <sup>1</sup>	
Integrated prestart function	No	Yes	No	
External safety function feedback	Not applicable	No	Yes	
Supply voltage	24VDC or 110/240VAC	24VDC		110VAC or 240VAC <sup>2</sup>
Maximum system length	7km	4km	12km	
Number of safety functions	Not applicable	1	1 to 4	2 to 4
Suitable for hazardous atmospheres	Only with barrier <sup>3</sup>			Yes - [Ex ia] I
<b>Local Display</b>	Not compatible	Required		
Real time status display	No	Yes		
System stop history	Not applicable	Yes		
System diagnostics	No	Yes		
System information	Yes			
Status of digital and analogue field transmitters	Yes			
View block mask and switch selections	Not applicable	Yes		
View field transmitter current draw	No		Yes	
Add/remove transmitter from safety function	Not applicable	Yes - via DIP switches	Yes - via Display	
Communications	Modbus RTU Slave	Modbus RTU Slave (Optional Ethernet/IP)		

<sup>1</sup> Total of 192 channels available for safety addresses and monitoring

<sup>2</sup> 24VDC also required for safety card. Please specify required system voltage when ordering

<sup>3</sup> For barrier use see manual for restrictions on maximum system length/parameters