The header modules enable the access of the main controller processor to remote I/Os racks via the RTSX bus.

Remote I/Os racks are used in application with a larger number of inputs/outputs than those permitted by a local rack or when distributed input/output modules throughout an installation are required.

Header module, IC3102, behave as a gateway between the main controller processor and slaves situated in the remote I/Os racks. Hence, the header module act as an RTSX slave in the system.

The RTSX bus that links the header modules and the controller processor enables a transmission speed of 10 Mbit/s and distances up to 50m with POFs or 200m with HCS fibers.

The header modules are available in the following variants:

Reference	Description
IC3201AB	Header module up to 16 TSX slaves modules Without power supply
IC3202AB	Header module up to 8 TSX slaves modules With built in 24Vdc power supply

Technical Features	IC3201AB	IC3202AB
Functional		
Communications	RTSX (Slave)	
Number of ports	1	
Max. Transmission speed	10Mbit/s	
Max. Installation distance per section	50m for POFs, 200m for HCS	
Diagnosis LEDs	Yes	
Electrical		
Connection type	Versatile Link (V-PIN)	
Max. Number of TSX slaves	16	8
Built in power supply	No	Yes
Max. Output current to backplane		
3,3V	-	2,5A
5,0V	-	1,75A
Power Supply Consumption	-	In 24V 800mA (max.)
Mechanical		
Dimensions (WxHxD)	52mm x 175mm x 130,41mm	
Weight	450g	
Slot width	2 Slots TSX	
Climatic		
Operating Temperature	-40ºC to + 70ºC	
Storage Temperature	-40ºC to + 85ºC	
Relative Humidity	5% to 95% w/o condensing	

www.ingeteam.com
ingesys.info@ingeteam.com

Ingeteam