Standard Variants

Part Number	Type	Product Description
942 132-001	SSL20-5TX	5 x FE TX, 12-24 V DC, 0 °C to +60 °C
942 132-002	SSL20-8TX	8 x FE TX, 12-24 V DC, 0 °C to +60 °C
942 132-004	SSL40-8TX	8 x GE TX, 12-24 V DC, 0 °C to +60 °C
942 132-005	SSL20-1TX/1FX	1 x FE TX, 1 x FE FX, 12-24 V DC, 0 °C to +60 °C
942 132-006	SSL20-1TX/1FX-SM	1 x FE TX, 1 x FE FX-SM, 12-24 V DC, 0 °C to +60 °C
942 132-007	SSL20-4TX/1FX	4 x FE TX, 1 x FE FX, 12-24 V DC, 0 °C to +60 °C
942 132-009	SSL20-4TX/1FX-SM	4 x FE, 1 x FE FX-SM, 12-24 V DC, 0 °C to +60 °C
942 132-012	SSL20-6TX/2FX	6 x FE TX, 2 x FE FX, 12-24 V DC, 0 °C to +60 °C
942 132-015	SSL40-6TX/2SFP	6 x GE TX, 2 x GE SFP, 12-24 V DC, 0 °C to +50 °C
942 141-017	SPL20-8TX-EEC	8 x FE TX, 12-24 V DC, -40 °C to +70 °C
942 141-024	SPL20-4TX/1FX-EEC	4 x FE TX, 1 x FE FX, 12-24 V DC, -40 °C to +70 °C
942 141-026	SPL20-4TX/1FX-SM-EEC	4 x FE TX, 1 x FE FX-SM, 12-24 V DC, -40 °C to +70 °C
942 141-030	SPL20-7TX/2FX-EEC	7 x FE TX, 2 x FE FX, 12-24 V DC, -40 °C to +70 °C
942 141-117	SPL20-8TX-EEC-HL	8 x FE TX, 12-24 V DC, -40 °C to +70 °C
942 141-125	SPL20-4TX/1FX-ST-EEC-HL	4 x FE TX, 1 x FE FX, 12-24 V DC, -40 °C to +70 °C
942 059-001	SPIDER Giga 2TX PoE EEC	2 x GE TX PoE+, -40 °C to +70 °C

Technical Information

Product Description		
Type	**SPIDER III Standard Line**	**SPIDER III Premium Line**
Description	Unmanaged, Industrial ETHERNET Rail Switch, fanless design, PoE+, IP30 plastic housing/metal housing	Unmanaged, configurable Industrial ETHERNET Rail Switch, fanless design, USB port for configuration, IP40 metal housing
Port Type and Quantity*	Up to 10 x FE or GE ports, thereof max. 2 x FE or GE FX ports	Up to 26 x FE or 8 x GE ports, thereof max. 3 x FE or 2 x GE FX ports
Power over Ethernet (PoE)*	Up to 8 x GE PoE+ ports, 120 W total power budget	
Interfaces		
USB Interface		1 x USB for configuration
Power Requirements		
Operating Voltage*	12 - 24 V DC, 12 - 57 V DC (redundant power input)	12 - 48 V DC and 24 V AC (redundant power input)
Power Consumption (without PoE)*	1.3 to 13.3 W	2.4 to 9.0 W
Ambient Conditions		
Operation Temperature*	0 °C to +60 °C, -40 °C to +70 °C	-40 °C to +70 °C
Conformal Coating		Optional
Mechanical Construction		
Dimensions (W x H x D)*	26/38 x 102 x 79 mm, 45 x 110 x 88 mm (w/o terminal block)	39/49/56/61 x 135/164 x 117/122 mm (w/o terminal block)
Weight*	100 g to 970 g	400 g to 1140 g
Protection Class	IP30 (plastic housing and metal housing)	IP40 (metal housing)
Service		
Configurable Parameters		Global settings: power supply unit alarm, aging time, QoS 802.1p mapping, QoS DSCP mapping Port settings: flow control, port state, broadcast mode/threshold, multicast mode/threshold, QoS Trust Mode, port priority, link alarm TX port settings: auto-negotiation, speed, duplex mode, auto-crossing, MDI state, energy efficient Ethernet FX port settings: duplex mode
Approvals		
Safety of Industrial Control Equipment*	cUL 61010-1/61010-2-201	
Hazardous Locations*		IECEx Zone 2, ISA12.12.01 class 1 div. 2, ATEX Zone 2
Ship*		DNVGL
Transportation*	EN 50121-4*	EN 50121-4, E1
Substation*		EN 61850-3, IEEE 1613

* Depending on the selected variant

NOTE: Did not find a suitable product?
Please visit our website for more configurations and the complete technical specifications: SPIDER III Series