

Selection Guide

Mobile PoE Switches

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In-Vehicle PoE Switch VES31-4S



In-Vehicle PoE Switch w/ 5x Gigabit Ethernet



Railway PoE Switch VES31-4SR

Cooling System		Fanless	
Mounting System	Wall Mount, DIN Rail	Wall Mount, DIN Rail	Wall Mount, DIN Rail
Interface LAN	2x RJ45 10/100/1000 BASE-T, 4x PoE	5x 10/100/1.000Mbit/s Gigabit Ethernet RJ-45 Ports 10/100/1000 BASE-T, 4x high PoE+ RJ-45 Ports PoE	2x M12 10/100/1000 BASE-T, 4x PoE
Interface IO	-	-	-
Input Voltage Nominal		-	
Input Voltage Min/Max	9 to 36VDC	48 to 55VDC	24VDC
Output Voltage Nominal		-	
Input Current	60W	5,5W (w/o PoE) / 120W (w/ PoE)	120W
Redundant Power Supply		X	
Operating Temperature	-40°C to 75°C	-10°C to 70°C	Ambient with air -40°C to 70°C
Extended Operating Temperature		-40°C to 75°C	
Storage Temperature	-35°C to 85°C	-40°C to 85°C	-35°C to 85°C
Relative Humidity	10% to 90% (non-condensing)	5% to 95% RH, non-condensing	10% to 90% (non-condensing)
Protection	Low input voltage protection	P30 metal housing, Surge protection: 2.000VDC, ESD: 6.000VDC	Low input voltage protection
Certification	CE, e13 (Vehicle), MIL-STD-810G, FCC	CE, FCC	CE, EN50155 (Railway), MIL-STD-810G, FCC
Dimensions	167 x 51,5 x 139,6 mm	30 x 95 x 75 mm (W x H x D)	167 x 85 x 139,6 mm
Weight	1 KG	-	1 KG
Material		metal housing	
Bestellinformation	Artikel-Nr. PZNS1002 In-Vehicle PoE Switch VES31-4S, -40°C to 70°C, 4x RJ45 GbE PoE, 2x RJ45 GbE LAN, 9-36VDC	Artikel-Nr. PZNS1010 In-Vehicle PoE Switch w/ 5x Gigabit Ethernet, IP30, 4x RJ45 10/100/1.000 PoE+ port, 48-55VDC, -10°C to 70°C Artikel-Nr. PZNS1010-1 In-Vehicle PoE Switch w/ 5x Gigabit Ethernet, IP30, 4x RJ45 10/100/1.000 PoE+ port, 48-55VDC, -40°C to 75°C	Artikel-Nr. PZNS1004 Railway PoE Switch VES31-4SR, -40°C to 70°C, 4x M12 GbE PoE, 2x M12 GbE LAN, 24VDC

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In-Vehicle PoE Switch VES31-8S



In-Vehicle PoE Switch w/ 8x Gigabit Ethernet



Industrial PoE + Switch 8x Gigabit Ethernet, IP30

Cooling System		Fanless	Fanless
Mounting System	Wall Mount, DIN Rail	Wall Mount, DIN Rail	Wall Mount, DIN Rail
Interface LAN	2x RJ45 10/100/1000 BASE-T, 8x PoE	8x 10/100/1.000Mbit/s Gigabit Ethernet RJ-45 Ports 10/100/1000 BASE-T, 8x high PoE+ RJ-45 Ports PoE	8x 10/100/1.000Mbit/s Gigabit Ethernet full duplex RJ-45 Ports 10/100/1000 BASE-T, 8x high PoE+ RJ-45 Ports PoE
Interface IO	-	-	-
Input Voltage Nominal		-	-
Input Voltage Min/Max	9 to 36VDC	12 to 36VDC	12 to 36VDC
Output Voltage Nominal		-	-
Input Current	120W	10W (w/o PoE) / 250W (w/ PoE)	10W (w/o PoE) / 240W (w/ PoE)
Redundant Power Supply		x	x
Operating Temperature	-40°C to 75°C	-10°C to 70°C	-10°C to 65°C
Extended Operating Temperature			
Storage Temperature	-35°C to 85°C	-40°C to 85°C	-40°C to 85°C
Relative Humidity	10% to 90% (non-condensing)	5% to 95% RH, non-condensing	5% to 95% RH, non-condensing
Protection	Low input voltage protection	P30 metal housing, Surge protection: 2.000VDC, ESD: 8.000VDC, Overload current protection	P30 metal housing, Surge protection: 2.000VDC, ESD: 8.000VDC, Overload current protection
Certification	CE, e13 (Vehicle), MIL-STD-810G, FCC	CE, e13 (Vehicle), FCC	CE, e13 (Vehicle), UL60601-1 (Medical), FCC, RoHS
Dimensions	167 x 51,5 x 139,6 mm	41 x 144,3 x 94,9 mm (W x H x D)	46 x 142 x 99 mm (W x H x D)
Weight	1 KG	-	1,05 kg
Material		metal housing	metal housing
Bestellinformation	Artikel-Nr. PZNS1003 In-Vehicle PoE Switch VES31-8S, -40°C to 70°C, 8x RJ45 GbE PoE, 2x RJ45 GbE LAN, 9-36VDC	Artikel-Nr. PZNS1020-1 In-Vehicle PoE Switch w/ 8x Gigabit Ethernet, IP30, 8x RJ45 10/100/1.000 PoE+ port, 12-36V, -40 to 70°C	Artikel-Nr. PZNS1021 Industrial PoE+ Switch 8x Gigabit Ethernet, IP30, 8x RJ45 10/100/1.000 PoE+ port, 9-55V, -10 to 65°C Artikel-Nr. PZNS1021-1 Industrial PoE+ Switch 8x Gigabit Ethernet, IP30, 8x RJ45 10/100/1.000 PoE+ port, 9-55V, -40 to 75°C

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Railway PoE Switch VES31-8SR

Cooling System	
Mounting System	Wall Mount, DIN Rail
Interface LAN	2x M12 10/100/1000 BASE-T, 8x PoE
Interface IO	-
Input Voltage Nominal	
Input Voltage Min/Max	24VDC
Output Voltage Nominal	
Input Current	120W
Redundant Power Supply	
Operating Temperature	Ambient with air -40°C to 70°C
Extended Operating Temperature	
Storage Temperature	-35°C to 85°C
Relative Humidity	10% to 90% (non-condensing)
Protection	Low input voltage protection
Certification	CE, EN50155 (Railway), MIL-STD-810G, FCC
Dimensions	167 x 85 x 139,6 mm
Weight	1 KG
Material	

Bestellinformation	Artikel-Nr. PZNS1005 Railway PoE Switch VES31-8SR,-40°C to 70°Cc, 8x M12 GbE PoE, 2x M12 GbE LAN, 24VDC
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