IES20-SW4/1SC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany

www.weidmueller.com



IES20 series unmanaged switches are specially designed for harsh industrial environments. Multimode / Single-mode optical fibre ports are available in various combinations to suit your application.

- Compact housing
- 2 to 16 RJ45 fast Ethernet ports and 1, 2 or 3 multimode/single-mode fiber ports
- Redundant power input: 24/48VDC(18~72VDC), 24/48VAC(18~50VAC)
- Operating temperature range: -40°C...+85°C

General ordering data

Version	4 * RJ45 10/100BaseT(X), 1 * SC Multi-mode,Din-Rail(wall) mounting products, Unmanaged IE Switch
Order No.	7760048011
Type	IES20-SW4/1SC
GTIN (EAN)	6944169638282
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Local product	Only available in certain countries

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Technical data

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Dimensions and weights

Height	115 mm	Height (inches)	4.528 inch
Width	30 mm	Width (inches)	1.181 inch
Length	91.5 mm	Length (inches)	3.602 inch
Weight	460 g	Net weight	460 g

Temperatures

Storage temperature	-40 °C...+85 °C	Operating temperature	-40 °C...+85 °C
Humidity	5...95 %, no condensation		

Approvals

EMI	FCC CFR47 Part 15, CISPR22 (EN 55022) Class A	EMS	IEC 61000-4-2 Electrostatic discharge: ±8kV contact discharge, ±15kV air discharge;, IEC 61000-4-3 Radiated RFI: 10V/m (80MHz~1GHz);, IEC 61000-4-4 Fast transient/burst: DC/AC power port: ±4kV; data port: ±2kV;, IEC 61000-4-5 Surge: DC/AC power port: ±2kV (line-line), ±4kV (line-earth);, IEC 61000-4-6 conducted RFI: DC/AC power port: 10V (150 kHz~80MHz)
Free fall	IEC 60068-2-32	Railway	EN 50155, EN 50121-4
EMC standards	CE, FCC	Shock resistance IEC 60068-2-27	Available
Vibration resistance IEC 60068-2-6	Available	General Industry	IEC61000-6-2
Security	UL508	Hazardous enviroment	UL1604 Class 1 Div 2 (pending)

Cable

Twisted Pair	100 m (standard CAT5, CAT5e LAN cable)	Multi-mode optic fibre	5 km, 1310 nm

Power Supply

Connection type	5 pole 5.08mm pitch terminal block	Input voltage	24V DC/AC (18~72 VDC / 18~50 VAC)
Overload protection	Yes	Power consumption	≤2.3 W
Redundant power supply	Yes	Reverse polarity protection	Yes

Technology

Diagnosis	LED (power supply and port)	Network structure	star, line
Redundancy	power supply		

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Environmental conditions

Humidity	5...95 %, no condensation

Guarantee

Time interval	5 years

Interfaces

LED indicator	Power LED: PWR1, PWR2 (redundant power input), Port LED: Link/ACT, Speed (RJ45 port)	Number of ports	4 * RJ45 10/100BaseT(X), 1 * SC Multi-mode

Technical data

Housing main material	fanless, metal	Number of ports	4 * RJ45 10/100BaseT(X), 1 * SC Multi-mode
Type of mounting	Rail, TS 35, Wall mounting		

Classifications

ETIM 6.0	EC000734	ETIM 7.0	EC000734
ETIM 8.0	EC000734	ECLASS 9.0	19-17-01-06
ECLASS 9.1	19-17-01-06	ECLASS 10.0	19-17-04-01
ECLASS 11.0	19-17-04-01		

Approvals

Approvals	c UL us LISTED FOR HAZ.LOC. C1D2

Downloads

Catalogues	Catalogues in PDF-format