

IES20-SW6/2SCS**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

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	6x RJ45 10/100BaseT(X), 2 * SC Single-mode 100FX, Din-Rail(wall) mounting products, Unmanaged IE Switch
Order No.	7760048017
Type	IES20-SW6/2SCS
GTIN (EAN)	6944169638329
Qty.	1 items
Delivery status	Discontinued
Local product	Only available in certain countries

Technical data

Approvals

Approvals



UL File Number Search

[UL Website](#)

Certificate no. (cULusEX)

E223527

General ordering data

Local product

Only available in certain countries

Dimensions and weights

Height	135 mm	Height (inches)	5.3149 inch
Width	53.6 mm	Width (inches)	2.1102 inch
Length	106.5 mm	Length (inches)	4.1929 inch
Net weight	760 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

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 environment	UL1604 Class 1 Div 2 (pending)

Cable

Twisted Pair	100 m (standard CAT5, CAT5e LAN cable)	Single-mode optic fibre	40 km, 1310 nm
--------------	--	-------------------------	----------------

IES20-SW6/2SCS

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Power Supply

Overload protection	Yes	Reverse polarity protection	Yes
Input voltage	24V DC/AC (18~72 VDC / 18~50 VAC)	Power consumption	≤4.4 W
Connection type	5 pole 5.08mm pitch terminal block	Redundant power supply	Yes

Technology

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

Environmental conditions

Humidity	5...95 %, no condensation
----------	---------------------------

Guarantee

Time interval	5 years
---------------	---------

Interfaces

Number of ports	6x RJ45 10/100BaseT(X), 2 * SC Single-mode 100FX	LED indicator	Power LED: PWR1, PWR2 (redundant power input), Port LED: Link/ACT, Speed (RJ45 port)
-----------------	--	---------------	--

Technical data

Number of ports	6x RJ45 10/100BaseT(X), 2 * SC Single-mode 100FX	Housing main material	fanless, metal
Type of mounting	Rail, TS 35, Wall mounting	Protection degree	IP40

Classifications

ETIM 8.0	EC000734	ETIM 9.0	EC000734
ETIM 10.0	EC000734	ECLASS 14.0	19-17-04-01
ECLASS 15.0	19-17-04-01		