

PV 124SXFXXV101TXPX15LWW

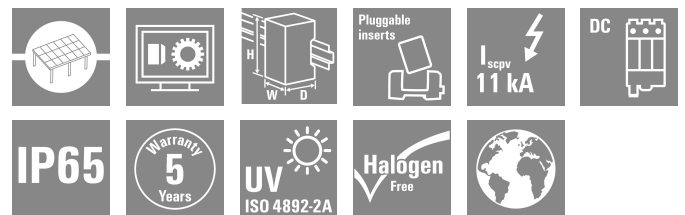
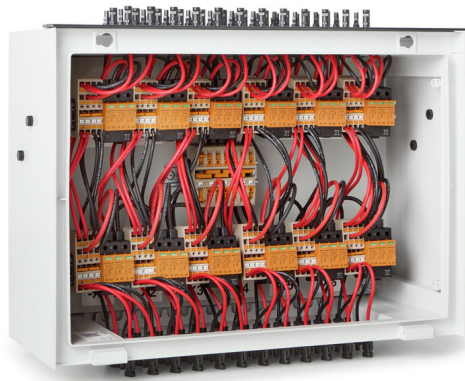
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Standard Portfolio für Multi MPPT Stringwechselrichter Schützt Strings und Wechselrichter gegen Überspannungen.

Der Schutz langer Kabel und Stringwechselrichter Eingänge (MPPT's) ist entscheidend für den reibungslosen Betrieb einer Photovoltaikanlage, egal ob es sich um eine Aufdachanlage oder eine PV-Park für Versorgungsunternehmen handelt. Für diesen Zweck hat Weidmüller ein Portfolio mit verschiedenen Gehäusen entwickelt welches dabei hilft die Kabel und/oder String Eingänge von Wechselrichtern vor möglichen Überspannungen zu schützen. Diese Lösungen ermöglichen es Installateuren und Entwicklern von Weidmüllers Qualitätsbewussten und Erfahrung im PV-Geschäft zu Profitieren. Multi-MMPT

Allgemeine Bestelldaten

Ausführung	Photovoltaik, Bestücktes Gehäuse, Generatoranschlusskasten, 1500 V, Überspannungsschutz I / II, WM4C, für Wandmontage, Horizontal, Stringwechselrichter, 12 MPP
Best.-Nr.	8000117002
Art	PV 124SXFXXV101TXPX15LWW
GTIN (EAN)	4099986756199
VPE	1 ST

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Technische Daten
Zulassungen

Zulassungen



ROHS Konform

Abmessungen und Gewichte

Tiefe	300 mm	Tiefe (inch)	11.811 inch
Höhe	536 mm	Höhe (inch)	21.1023 inch
Breite	747 mm	Breite (inch)	29.4094 inch
Nettogewicht	30400 g		

Temperaturen

Umgebungstemperatur	-20 °C...45 °C	Betriebstemperatur	-20°C to +45°C
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Umweltanforderungen

RoHS-Konformitätsstatus	Konform
REACH SVHC	Keine SVHC über 0,1 Gew.-%

Ausgänge DC

Anschluss DC-Ausgangsleitung	WM4C Steckverbinder	Anschlussart DC-Ausgangsleitung	WM4C Steckverbinder
Anzahl Ausgänge DC	24		

Eingänge DC

Anzahl Eingänge DC	24		
Anschlussart DC-Eingangsleitung	WM4C Steckverbinder		
Anschluss DC-Eingangsleitung (-)	WM4C Steckverbinder		
Anzahl der Maximum Power Points (MPP)	12		
Anschluss Funktionserde	Kabeleinführung	Anzahl der Kabeleinführungen	1
		Kabeldurchmesser, min.	6 mm
		Kabeldurchmesser, max.	12 mm
	Leiteranschluss	Anschlussart	Schraubanschluss
Anzahl der Eingänge	24		
Anzahl der Leitungseinführungen	1		
Anschluss DC-Eingangsleitung (+)	WM4C Steckverbinder		
Sicherungsart	weder Sicherungseinsatz noch -halter		
Art der Sicherung	weder Sicherungseinsatz noch -halter		

Elektrische Eigenschaften DC

Bemessungsspannung	1500 V	Erdung	Direkt an der VPU
Überspannungsschutz DC-Seite	1.500-V-Typ I +II ohne Fernkontakt		

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Technische Daten

Gehäuse

Montageart	Wandmontage	Schutzart	IP65
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Normen und Standards

Normen	IEC 61439-2 ed 3.0, EN 61439-2:2020
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Strangüberwachung DC

Überwachungsfunktion	Nicht überwacht
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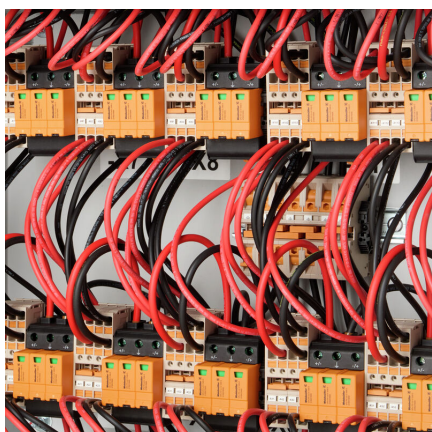
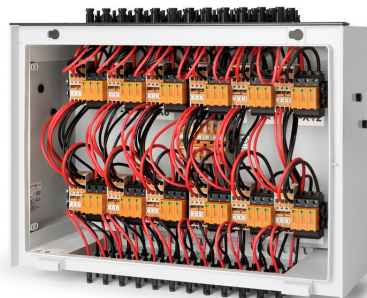
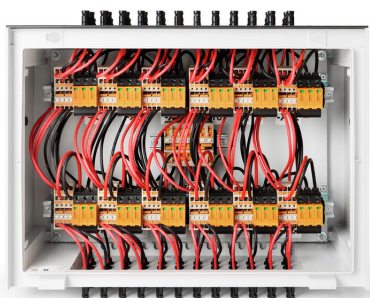
Gewährleistung

Zeitraum	5 Jahre
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Klassifikationen

ETIM 8.0	EC003857	ETIM 9.0	EC003857
ETIM 10.0	EC003857	ECLASS 14.0	22-57-02-92
ECLASS 15.0	22-57-02-92		

Zeichnungen



Combiner Box Name Description
PV 2 24 50 FX CXX VX OX TXPX 15 P F ES

PV 1: PV DC L0 Industrial PV 2: PV DC L1 Industrial PV 3: PV DC L2 Industrial Number of inputs (10-36) S0: Switch-disconnector S0 → Switch-disconnector (S0) S1 → Switch-disconnector with remote disconnection (S0+K) S2 → Molded Case Circuit Breaker (MCCB) S3 → Molded Case Switch-disconnector (S0+K) S4 → Switch-disconnector with Contactor (S0+K) S5 → No Switch-disconnector needed (N/A) FX: Fuses / Fuseholders position F1 → Fuses both sides F2 → Only Positive Fuses F3 → Only Negative Fuses F4 → Only Fuse holder F5 → Only Fuse holder in positive (+) F6 → Only Fuse holder in negative (-) F7 → No Fuse holder needed (N/A) CXX: CXX Fuses Type → C 10/25/50/100/250/500/1000/2500/5000/10000/20000/50000/100000 (Example C20) N/A: N/A Fuses Type → N 40/50/63/80/100/125/160/200/250/315/400/500/630/800/1000/1250/1600/2000/2500/3150/4000/5000/6300/8000/10000/12500/16000/20000/25000/31500/40000/50000/63000/80000/100000/125000/160000/200000/250000/315000/400000/500000/630000/800000/1000000/1250000/1600000/2000000/2500000/3150000/4000000/5000000/6300000/8000000/10000000/12500000/16000000/20000000/25000000/31500000/40000000/50000000/63000000/80000000/100000000/125000000/160000000/200000000/250000000/315000000/400000000/500000000/630000000/800000000/1000000000/1250000000/1600000000/2000000000/2500000000/3150000000/4000000000/5000000000/6300000000/8000000000/10000000000/12500000000/16000000000/20000000000/25000000000/31500000000/40000000000/50000000000/63000000000/80000000000/100000000000/125000000000/160000000000/200000000000/250000000000/315000000000/400000000000/500000000000/630000000000/800000000000/1000000000000/1250000000000/1600000000000/2000000000000/2500000000000/3150000000000/4000000000000/5000000000000/6300000000000/8000000000000/10000000000000/12500000000000/16000000000000/20000000000000/25000000000000/31500000000000/40000000000000/50000000000000/63000000000000/80000000000000/100000000000000/125000000000000/160000000000000/200000000000000/250000000000000/315000000000000/400000000000000/500000000000000/630000000000000/800000000000000/1000000000000000/1250000000000000/1600000000000000/2000000000000000/2500000000000000/3150000000000000/4000000000000000/5000000000000000/6300000000000000/8000000000000000/10000000000000000/12500000000000000/16000000000000000/20000000000000000/25000000000000000/31500000000000000/40000000000000000/50000000000000000/63000000000000000/80000000000000000/100000000000000000/125000000000000000/160000000000000000/200000000000000000/250000000000000000/315000000000000000/400000000000000000/500000000000000000/630000000000000000/800000000000000000/1000000000000000000/1250000000000000000/1600000000000000000/2000000000000000000/2500000000000000000/3150000000000000000/4000000000000000000/5000000000000000000/6300000000000000000/8000000000000000000/10000000000000000000/12500000000000000000/16000000000000000000/20000000000000000000/25000000000000000000/31500000000000000000/40000000000000000000/50000000000000000000/63000000000000000000/80000000000000000000/100000000000000000000/125000000000000000000/160000000000000000000/200000000000000000000/250000000000000000000/315000000000000000000/400000000000000000000/500000000000000000000/630000000000000000000/800000000000000000000/1000000000000000000000/1250000000000000000000/1600000000000000000000/2000000000000000000000/2500000000000000000000/3150000000000000000000/4000000000000000000000/5000000000000000000000/6300000000000000000000/8000000000000000000000/10000000000000000000000/12500000000000000000000/16000000000000000000000/20000000000000000000000/25000000000000000000000/31500000000000000000000/40000000000000000000000/50000000000000000000000/63000000000000000000000/80000000000000000000000/100000000000000000000000/125000000000000000000000/160000000000000000000000/200000000000000000000000/250000000000000000000000/315000000000000000000000/400000000000000000000000/500000000000000000000000/630000000000000000000000/800000000000000000000000/1000000000000000000000000/1250000000000000000000000/1600000000000000000000000/2000000000000000000000000/2500000000000000000000000/3150000000000000000000000/4000000000000000000000000/5000000000000000000000000/6300000000000000000000000/8000000000000000000000000/10000000000000000000000000/12500000000000000000000000/16000000000000000000000000/20000000000000000000000000/25000000000000000000000000/31500000000000000000000000/40000000000000000000000000/50000000000000000000000000/63000000000000000000000000/80000000000000000000000000/100000000000000000000000000/125000000000000000000000000/160000000000000000000000000/200000000000000000000000000/250000000000000000000000000/315000000000000000000000000/400000000000000000000000000/500000000000000000000000000/630000000000000000000000000/800000000000000000000000000/1000000000000000000000000000/1250000000000000000000000000/1600000000000000000000000000/2000000000000000000000000000/2500000000000000000000000000/3150000000000000000000000000/4000000000000000000000000000/5000000000000000000000000000/6300000000000000000000000000/8000000000000000000000000000/10000000000000000000000000000/12500000000000000000000000000/16000000000000000000000000000/20000000000000000000000000000/25000000000000000000000000000/31500000000000000000000000000/40000000000000000000000000000/50000000000000000000000000000/63000000000000000000000000000/80000000000000000000000000000/100000000000000000000000000000/125000000000000000000000000000/160000000000000000000000000000/200000000000000000000000000000/250000000000000000000000000000/315000000000000000000000000000/400000000000000000000000000000/500000000000000000000000000000/630000000000000000000000000000/800000000000000000000000000000/1000000000000000000000000000000/1250000000000000000000000000000/160000000000000000000000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