



MATERIAL FACT SHEET

600547 NZ2GN12A42-16DT

General Data

Product Hierarchy	IAD50305
	Modular PLC
	CC-LINK
Ext. Material Group	10 STANDARD ITEM
ABC Indicator	B (Limited Availability from Stock)

e-shop: https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000600547

FA-MOD PLC: Digital I/O Module

Series	CC-LINK IE TSN
Type	REMOTE I/O COMBINED MODULE
Power Supply (V)	24
Current Type	DC
Occupied Stations	1
Integrated Digital Inputs	8
Integrated Digital Outputs	8
Rated Input Voltage (VDC)	24
Rated Load Voltage (VDC)	12-24
Output Type	TRANSISTOR
Output Logic	SINK
Wiring	CONNECTOR
Int. Current Consumption (A)	0,16

Product Dimensions & Weight

Width (mm)	63
Height (mm)	238
Depth (mm)	37,5
Weight (kg)	0,42

Logistic Dimensions & Gross Weight

Length (cm)	31,0
Width (cm)	10,0
Height (cm)	10,0
Gross Weight (kg)	0,611
Volume (cdm)	3,100

Stock Data

Planned Delivery Time (Days)	136
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Life Cycle

Sales Start	21.06.2021
Predecessor	307421 / NZ2GF12A42-16DT

Additional Product Information

Battery included	NO
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Export Data

Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)
Preference Status (Supplier Declaration)	Non EU

Environmental

Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT

WEEE	B2B
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Conformity

CE	COMPLIANT
UKCA	COMPLIANT

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=NZ2GN12A42-16DT&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=NZ2GN12A42-16DT&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=NZ2GN12A42-16DT&doc-lang=en
Network configuration file URL	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blte8cf990c7c524b4e&q=NZ2GN12A42-16DT&doc-lang=en

Product Packaging

Cardboard (g)	177
Other paper (g)	0
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	4
Wood (g)	0
Glass (g)	0
Others (g)	0

Compatible products

Material	Description / Price List Text / Classification
597286	SC-E5EW-X05M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 0,5m Class 100100214: FA-MOD PLC: Cable
597287	SC-E5EW-X1M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 1m Class 100100214: FA-MOD PLC: Cable
597288	SC-E5EW-X2M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 2m Class 100100214: FA-MOD PLC: Cable
597289	SC-E5EW-X3M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 3m Class 100100214: FA-MOD PLC: Cable
597290	SC-E5EW-X4M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 4m Class 100100214: FA-MOD PLC: Cable
597291	SC-E5EW-X5M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 5m Class 100100214: FA-MOD PLC: Cable
597312	SC-E5EW-X10M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 10m Class 100100214: FA-MOD PLC: Cable
597313	SC-E5EW-X15M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 15m Class 100100214: FA-MOD PLC: Cable
597314	SC-E5EW-X20M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 20m Class 100100214: FA-MOD PLC: Cable
597315	SC-E5EW-X25M Ethernet cable CC-Link IE; category 5e; straight M12 on both ends; indoor; 25m Class 100100214: FA-MOD PLC: Cable
597316	SC-E5EW-SX05M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor;0,5m Class 100100214: FA-MOD PLC: Cable
597317	SC-E5EW-SX1M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor; 1m Class 100100214: FA-MOD PLC: Cable
597318	SC-E5EW-SX2M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor; 2m Class 100100214: FA-MOD PLC: Cable
597319	SC-E5EW-SX3M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor; 3m Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
597320	SC-E5EW-SX4M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor; 4m Class 100100214: FA-MOD PLC: Cable
597321	SC-E5EW-SX5M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor; 5m Class 100100214: FA-MOD PLC: Cable
597322	SC-E5EW-SX10M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor; 10m Class 100100214: FA-MOD PLC: Cable
597323	SC-E5EW-SX15M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor; 15m Class 100100214: FA-MOD PLC: Cable
597324	SC-E5EW-SX20M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor; 20m Class 100100214: FA-MOD PLC: Cable
597325	SC-E5EW-SX25M Ethernet cable CC-Link IE; category 5e; straight M12&RJ45 connector; indoor; 25m Class 100100214: FA-MOD PLC: Cable
605066	SC-M12PWL5F-2MU Power supply cable; 5C L-coded; straight M12 female-loose end; IP67; grey; 2m Class 100100214: FA-MOD PLC: Cable
605067	SC-M12PWL5F-5MU Power supply cable; 5C L-coded; straight M12 female-loose end; IP67; grey; 5m Class 100100214: FA-MOD PLC: Cable
605068	SC-M12PWL5MF-05MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 0,5m Class 100100214: FA-MOD PLC: Cable
605069	SC-M12PWL5MF-2MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 2m Class 100100214: FA-MOD PLC: Cable
624155	SC-M12PWL5F-1MU Power supply cable; 5C L-coded; straight M12 female-loose end; IP67; grey; 1m Class 100100214: FA-MOD PLC: Cable
624156	SC-M12PWL5F-3MU Power supply cable; 5C L-coded; straight M12 female-loose end; IP67; grey; 3m Class 100100214: FA-MOD PLC: Cable
624157	SC-M12PWL5F-4MU Power supply cable; 5C L-coded; straight M12 female-loose end; IP67; grey; 4m Class 100100214: FA-MOD PLC: Cable
624158	SC-M12PWL5F-10MU Power supply cable; 5C L-coded; straight M12 female-loose end; IP67; grey; 10m Class 100100214: FA-MOD PLC: Cable
624159	SC-M12PWL5F-15MU Power supply cable; 5C L-coded; straight M12 female-loose end; IP67; grey; 15m Class 100100214: FA-MOD PLC: Cable
624160	SC-M12PWL5F-20MU Power supply cable; 5C L-coded; straight M12 female-loose end; IP67; grey; 20m Class 100100214: FA-MOD PLC: Cable
624161	SC-M12PWL5F-25MU Power supply cable; 5C L-coded; straight M12 female-loose end; IP67; grey; 25m Class 100100214: FA-MOD PLC: Cable
624162	SC-M12PWL5MF-1MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 1m Class 100100214: FA-MOD PLC: Cable
624163	SC-M12PWL5MF-3MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 3m Class 100100214: FA-MOD PLC: Cable
624164	SC-M12PWL5MF-4MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 4m Class 100100214: FA-MOD PLC: Cable
624165	SC-M12PWL5MF-5MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 5m Class 100100214: FA-MOD PLC: Cable
624166	SC-M12PWL5MF-10MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 10m Class 100100214: FA-MOD PLC: Cable
624167	SC-M12PWL5MF-15MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 15m Class 100100214: FA-MOD PLC: Cable

Material	Description / Price List Text / Classification
624168	SC-M12PWL5MF-20MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 20m Class 100100214: FA-MOD PLC: Cable
624169	SC-M12PWL5MF-25MU Power supply cable; 5C L-coded; straight M12 male-female; IP67; grey; 25m Class 100100214: FA-MOD PLC: Cable
624170	SC-M12SNA4SM-1MU I/O cable; 4C A-coded; straight M12 male-loose end; IP67; black; 1m Class 100100214: FA-MOD PLC: Cable
624171	SC-M12SNA4SM-2MU I/O cable; 4C A-coded; straight M12 male-loose end; IP67; black; 2m Class 100100214: FA-MOD PLC: Cable
624172	SC-M12SNA4SM-3MU I/O cable; 4C A-coded; straight M12 male-loose end; IP67; black; 3m Class 100100214: FA-MOD PLC: Cable
624173	SC-M12SNA4SM-4MU I/O cable; 4C A-coded; straight M12 male-loose end; IP67; black; 4m Class 100100214: FA-MOD PLC: Cable
624174	SC-M12SNA4SM-5MU I/O cable; 4C A-coded; straight M12 male-loose end; IP67; black; 5m Class 100100214: FA-MOD PLC: Cable
624175	SC-M12SNA4SM-10MU I/O cable; 4C A-coded; straight M12 male-loose end; IP67; black; 10m Class 100100214: FA-MOD PLC: Cable
624176	SC-M12SNA4SM-15MU I/O cable; 4C A-coded; straight M12 male-loose end; IP67; black; 15m Class 100100214: FA-MOD PLC: Cable
624177	SC-M12SNA4SM-20MU I/O cable; 4C A-coded; straight M12 male-loose end; IP67; black; 20m Class 100100214: FA-MOD PLC: Cable
624178	SC-M12SNA4SM-25MU I/O cable; 4C A-coded; straight M12 male-loose end; IP67; black; 25m Class 100100214: FA-MOD PLC: Cable
624179	SC-M12SNA5SM-1MU I/O cable; 5C A-coded; straight M12 male-loose end; IP67; black; 1m Class 100100214: FA-MOD PLC: Cable
624180	SC-M12SNA5SM-2MU I/O cable; 5C A-coded; straight M12 male-loose end; IP67; black; 2m Class 100100214: FA-MOD PLC: Cable
624181	SC-M12SNA5SM-3MU I/O cable; 5C A-coded; straight M12 male-loose end; IP67; black; 3m Class 100100214: FA-MOD PLC: Cable
624182	SC-M12SNA5SM-4MU I/O cable; 5C A-coded; straight M12 male-loose end; IP67; black; 4m Class 100100214: FA-MOD PLC: Cable
624183	SC-M12SNA5SM-5MU I/O cable; 5C A-coded; straight M12 male-loose end; IP67; black; 5m Class 100100214: FA-MOD PLC: Cable
624184	SC-M12SNA5SM-10MU I/O cable; 5C A-coded; straight M12 male-loose end; IP67; black; 10m Class 100100214: FA-MOD PLC: Cable
624185	SC-M12SNA5SM-15MU I/O cable; 5C A-coded; straight M12 male-loose end; IP67; black; 15m Class 100100214: FA-MOD PLC: Cable
624186	SC-M12SNA5SM-20MU I/O cable; 5C A-coded; straight M12 male-loose end; IP67; black; 20m Class 100100214: FA-MOD PLC: Cable
624187	SC-M12SNA5SM-25MU I/O cable; 5C A-coded; straight M12 male-loose end; IP67; black; 25m Class 100100214: FA-MOD PLC: Cable
624188	PROT-M12 Screw plug; A, X coded, M12; external; IP67; 5 pieces; black Class 100100215: FA-MOD PLC: Other Option
624189	PROT-M12FS Screw plug; L coded, M12; external; IP67; 5 pieces; black Class 100100215: FA-MOD PLC: Other Option
624190	PROT-M12 MS PWR Screw plug; L coded, M12; internal; IP67; 5 pieces; black Class 100100215: FA-MOD PLC: Other Option