



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

Commodity Code	85389099
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

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
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

Material	Description / Price List Text / Classification
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
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

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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
697551	IE-C6A-0.2m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 0.2m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697582	IE-C6A-0.5m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 0.5m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697583	IE-C6A-1.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 1.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697584	IE-C6A-2.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 2.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697585	IE-C6A-5.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 5.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697586	IE-C6A-10.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 10.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697587	IE-C6A-15.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 15.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697588	IE-C6A-20.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 20.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697589	IE-C6A-25.0m CC-Link IE Certified Patch Cable RJ45 Cat.6A, 25.0m, for Cabinet Class 100100214: FA-MOD PLC: Cable
697590	IE-CB-50pcs CC-Link Bending tool for Patch Cable, RJ45, 50pcs box, 90°Deg radius Class 100100215: FA-MOD PLC: Other Option
697591	IE-C6A-CON-10pcs CC-Link IE Certified Patch Cable connector, easy clip, RJ45, Cat.6A, 10pcs box Class 100100215: FA-MOD PLC: Other Option