



## MATERIAL FACT SHEET

### 600548 NZ2GN12A42-16DTE

#### 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/000000000000600548](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000600548)

#### 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                 | SOURCE                     |
| 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)       | 30,0  |
| Width (cm)        | 10,0  |
| Height (cm)       | 10,0  |
| Gross Weight (kg) | 0,613 |
| Volume (cdm)      | 3,000 |

#### Stock Data

|                              |     |
|------------------------------|-----|
| Planned Delivery Time (Days) | 136 |
|------------------------------|-----|

#### Life Cycle

|             |                           |
|-------------|---------------------------|
| Sales Start | 21.06.2021                |
| Predecessor | 307422 / NZ2GF12A42-16DTE |

#### Additional Product Information

|                  |    |
|------------------|----|
| Battery included | NO |
|------------------|----|

#### 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 |
|------|-----|

## Conformity

|      |           |
|------|-----------|
| CE   | COMPLIANT |
| UKCA | COMPLIANT |

## Documentation & Media Data

|                                |                                                                                                                                                                                                                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manual URL Indicator           | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=NZ2GN12A42-16DTE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2f94&amp;q=NZ2GN12A42-16DTE&amp;doc-lang=en</a>   |
| Certificates URL Indicator     | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=NZ2GN12A42-16DTE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=NZ2GN12A42-16DTE&amp;doc-lang=en</a> |
| CAD URL Indicator              | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=NZ2GN12A42-16DTE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=NZ2GN12A42-16DTE&amp;doc-lang=en</a> |
| Network configuration file URL | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blte8cf990c7c524b4e&amp;q=NZ2GN12A42-16DTE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blte8cf990c7c524b4e&amp;q=NZ2GN12A42-16DTE&amp;doc-lang=en</a> |

## Product Packaging

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

## Compatible products

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

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

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