



## MATERIAL FACT SHEET

### 306594 NZ2GFCE3-16DE

#### General Data

|                     |                                        |
|---------------------|----------------------------------------|
| Product Hierarchy   | IAD50305                               |
|                     | Modular PLC                            |
|                     | CC-LINK                                |
| Ext. Material Group | 10 STANDARD ITEM                       |
| ABC Indicator       | C (Non-Stock Material / Make-to-Order) |

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_1A/EUR/en/p/000000000000306594](https://mitsubishi-electric-eshop.mee.com/mee/FA_1A/EUR/en/p/000000000000306594)

#### FA-MOD PLC: Digital Input Module

|                              |                          |
|------------------------------|--------------------------|
| Series                       | CC-LINK IE FIELD NETWORK |
| Type                         | REMOTE DC INPUT          |
| Power Supply (V)             | 24                       |
| Current Type                 | DC                       |
| Occupied Stations            | 1                        |
| Integrated Digital Inputs    | 16                       |
| Rated Input Voltage (VDC)    | 24                       |
| Wiring                       | CONNECTOR                |
| Int. Current Consumption (A) | 0,18                     |

#### Product Dimensions & Weight

|             |      |
|-------------|------|
| Width (mm)  | 133  |
| Height (mm) | 50   |
| Depth (mm)  | 68   |
| Weight (kg) | 0,27 |

#### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 19,0  |
| Width (cm)        | 7,5   |
| Height (cm)       | 8,5   |
| Gross Weight (kg) | 0,349 |
| Volume (cdm)      | 1,211 |

#### Stock Data

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

#### Life Cycle

|             |                |
|-------------|----------------|
| Sales Start | 23.01.2017     |
| Predecessor | No Predecessor |

#### 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

|                                |                            |
|--------------------------------|----------------------------|
| REACH Limit Exceeded           | YES                        |
| REACH Substance CAS Number     | <a href="#">12060-00-3</a> |
| REACH Substance CAS Number (2) | <a href="#">7439-92-1</a>  |
| REACH Substance CAS Number (3) | <a href="#">80-05-7</a>    |
| Dangerous Goods Class          | NO                         |
| Dangerous Goods Identifier     | NO                         |
| WEEE                           | B2B                        |

## Conformity

|        |           |
|--------|-----------|
| CE     | COMPLIANT |
| UL/cUL | COMPLIANT |
| EAC    | COMPLIANT |
| UKCA   | COMPLIANT |

## Documentation & Media Data

|                                |                                                                                                                                                                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Manual URL Indicator           | <a href="https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=NZ2GFCE3-16DE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=NZ2GFCE3-16DE&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=NZ2GFCE3-16DE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=NZ2GFCE3-16DE&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=NZ2GFCE3-16DE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=NZ2GFCE3-16DE&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=NZ2GFCE3-16DE&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blte8cf990c7c524b4e&amp;q=NZ2GFCE3-16DE&amp;doc-lang=en</a> |

## Product Packaging

|                   |    |
|-------------------|----|
| Cardboard (g)     | 75 |
| Other paper (g)   | 0  |
| Aluminum (g)      | 0  |
| Steel (g)         | 0  |
| Styrofoam (g)     | 0  |
| Other plastic (g) | 3  |
| Wood (g)          | 0  |
| Glass (g)         | 0  |
| Others (g)        | 0  |

## Compatible products

| Material               | Description / Price List Text / Classification                                                                                                         |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">168348</a> | A6CON-PW5P<br>Connector for CC-Link Remote I/O; Resistance 110 Ohm; Set (10 pcs)<br>Class 100100215: FA-MOD PLC: Other Option                          |
| <a href="#">278166</a> | SC-E5EW-S45M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;45m<br>Class 100100214: FA-MOD PLC: Cable                 |
| 280086                 | A6CON-PWJ5P<br>Online connector 5 pieces for power FG<br>Class 100100215: FA-MOD PLC: Other Option                                                     |
| <a href="#">280088</a> | A6CON-PW5P-SOD<br>Power FG for one-touch connector plug; (10 pcs)<br>Class 100100215: FA-MOD PLC: Other Option                                         |
| <a href="#">284693</a> | ECN-M034OR<br>PLC e-CON connection accessory; ECN-M type; Set (20 pcs)<br>Class 100100215: FA-MOD PLC: Other Option                                    |
| <a href="#">284694</a> | ECN-M044GN<br>SPS e-CON connection accessory; ECN-M type; Set (20 pcs)<br>Class 100100215: FA-MOD PLC: Other Option                                    |
| 291807                 | SC-E5EW-S1M-MV<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m<br>Class 100100214: FA-MOD PLC: Cable               |
| 291808                 | SC-E5EW-S3M-MV<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 3m<br>Class 100100214: FA-MOD PLC: Cable               |
| <a href="#">295425</a> | SC-E5EW-S05M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;0.5m<br>Class 100100214: FA-MOD PLC: Cable                 |
| <a href="#">295426</a> | SC-E5EW-S1M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 1m<br>Class 100100214: FA-MOD PLC: Cable                  |
| <a href="#">295427</a> | SC-E5EW-S3M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m<br>Class 100100214: FA-MOD PLC: Cable                  |
| <a href="#">297155</a> | NZ2EX2S1-16D<br>PLC CC-Link IE Field, additional DC, spring clamp terminal block<br>Class 100100204: FA-MOD PLC: Digital Input Module                  |
| <a href="#">297156</a> | NZ2EX2S1-16T<br>PLC CC-Link IE Field Extension Module; 16 transistor outputs; sink; spring clamp<br>Class 100100205: FA-MOD PLC: Digital Output Module |

| Material               | Description / Price List Text / Classification                                                                                                         |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">297157</a> | NZ2EX2S1-16TE<br>PLC CC-Link IE Field Extension Module;16 transistor outputs;source;spring clamp<br>Class 100100205: FA-MOD PLC: Digital Output Module |
| <a href="#">304894</a> | NZ2EX2B1N-16D<br>PLC CC-Link IE Field I/O module;16 inputs; DC<br>Class 100100204: FA-MOD PLC: Digital Input Module                                    |
| <a href="#">305035</a> | NZ2EX2B1N-16T<br>PLC CC-Link IE Field I/O module;16 outputs; DC,sink<br>Class 100100205: FA-MOD PLC: Digital Output Module                             |
| <a href="#">305036</a> | NZ2EX2B1N-16TE<br>PLC CC-Link IE Field I/O module;16 outputs; DC,source<br>Class 100100205: FA-MOD PLC: Digital Output Module                          |
| <a href="#">337987</a> | NZ2EX2B1N-16D(C)<br>PLC CC-Link IE Field I/O module;16 inputs; DC, coated coated<br>Class 100100204: FA-MOD PLC: Digital Input Module                  |
| 337988                 | NZ2EX2B1N-16TE(C)<br>PLC CC-Link IE Field I/O module;16 outputs; DC,source coated<br>Class 100100205: FA-MOD PLC: Digital Output Module                |
| <a href="#">413182</a> | SC-E5EW-S10M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;10m<br>Class 100100214: FA-MOD PLC: Cable                 |
| <a href="#">413183</a> | SC-E5EW-S25M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;25m<br>Class 100100214: FA-MOD PLC: Cable                 |
| <a href="#">413184</a> | SC-E5EW-S5M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 5m<br>Class 100100214: FA-MOD PLC: Cable                  |
| <a href="#">414242</a> | ECN-M014R<br>PLC e-CON connector; ECN-M type; 0,14-0,3 mm2; Ø 0,8-1,0 mm; red; 20 pcs<br>Class 100100215: FA-MOD PLC: Other Option                     |
| <a href="#">414243</a> | ECN-M024Y<br>PLC e-CON connector; ECN-M type; 0,14-0,3 mm2; Ø 1,0-1,2 mm; yellow; 20 pcs<br>Class 100100215: FA-MOD PLC: Other Option                  |
| <a href="#">414244</a> | ECN-M054BL<br>PLC e-CON connector; ECN-M type; 0,3-0,5 mm2; Ø 1,2-1,6 mm; blue; 20 pcs<br>Class 100100215: FA-MOD PLC: Other Option                    |
| <a href="#">414245</a> | ECN-M064GY<br>PLC e-CON connector; ECN-M type; 0,3-0,5 mm2; Ø 1,6-2,0 mm; gray; 20 pcs<br>Class 100100215: FA-MOD PLC: Other Option                    |
| <a href="#">486376</a> | SC-E5EW-S2M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 2m<br>Class 100100214: FA-MOD PLC: Cable                  |
| <a href="#">486377</a> | SC-E5EW-S4M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor; 4m<br>Class 100100214: FA-MOD PLC: Cable                  |
| <a href="#">487403</a> | SC-E5EW-S15M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;15m<br>Class 100100214: FA-MOD PLC: Cable                 |
| <a href="#">487404</a> | SC-E5EW-S20M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight; indoor;20m<br>Class 100100214: FA-MOD PLC: Cable                 |
| <a href="#">557483</a> | SC-E5EW-S100M<br>Ethernet cable; CC-Link IE; category 5e; dbl. shielded/STP; straight;indoor;100m<br>Class 100100214: FA-MOD PLC: Cable                |