



## MATERIAL FACT SHEET

### 215073 AL2-14MR-D

#### General Data

|                     |                          |
|---------------------|--------------------------|
| Product Hierarchy   | IAD207                   |
|                     | Compact PLC              |
|                     | ALPHA MITSUBISHI         |
| Ext. Material Group | 10 EOL ANNOUNCED         |
| ABC Indicator       | A (Available from Stock) |

e-shop: [https://mitsubishi-electric-eshop.mee.com/mee/FA\\_IA/EUR/en/p/000000000000215073](https://mitsubishi-electric-eshop.mee.com/mee/FA_IA/EUR/en/p/000000000000215073)

#### FA-COM PLC: Main Unit

|                               |                 |
|-------------------------------|-----------------|
| Series                        | ALPHA2 SERIES   |
| Type                          | ALPHA MAIN UNIT |
| Power Supply (V)              | 24              |
| Current Type                  | DC              |
| Program Memory                | 200 BLOCKS      |
| Program Memory Unit           | EEPROM          |
| Integrated Digital Inputs     | 8               |
| Integrated Digital Outputs    | 6               |
| Integrated Analogue Inputs    | 8               |
| Output Type                   | RELAY           |
| Local I/O Points              | 14              |
| Local + Remote I/O Points     | 14              |
| Expandable                    | YES             |
| RS-232                        | 1               |
| Power Consumption (W)         | 7,5             |
| Buffer Battery                | NO              |
| Protection Class              | IP20            |
| Min. Ambient Temperature (°C) | -25             |
| Max. Ambient Temperature (°C) | 55              |

#### Product Dimensions & Weight

|             |       |
|-------------|-------|
| Width (mm)  | 124,6 |
| Height (mm) | 90    |
| Depth (mm)  | 52    |
| Weight (kg) | 0,3   |

#### Logistic Dimensions & Gross Weight

|                   |       |
|-------------------|-------|
| Length (cm)       | 14,0  |
| Width (cm)        | 11,0  |
| Height (cm)       | 7,5   |
| Gross Weight (kg) | 0,370 |
| Volume (cdm)      | 1,155 |

#### Stock Data

|                              |    |
|------------------------------|----|
| Planned Delivery Time (Days) | 72 |
|------------------------------|----|

#### Life Cycle

|                          |                     |
|--------------------------|---------------------|
| Sales Start              | 01.07.2008          |
| Discontinued (EOL)       | 28.02.2024          |
| Last Time Buy (LTB)      | 30.05.2025          |
| Last Time Purchase (LTP) | 30.06.2025          |
| End of Service (EOS)     | 30.06.2032          |
| Predecessor              | 164868 / AL2-14MR-D |

#### 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       | NO        |
| Dangerous Goods Class      | NO        |
| Dangerous Goods Identifier | NO        |
| RoHS Compliance            | COMPLIANT |
| WEEE                       | B2B       |

## Conformity

|                    |           |
|--------------------|-----------|
| CE                 | COMPLIANT |
| UL/cUL             | COMPLIANT |
| EAC                | COMPLIANT |
| Shipping Approvals | DNV       |
| 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=AL2-14MR-D&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=bltdae25c2bd5f2ff94&amp;q=AL2-14MR-D&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=AL2-14MR-D&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt8050dd1408c11cc2&amp;q=AL2-14MR-D&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=AL2-14MR-D&amp;doc-lang=en">https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&amp;doc-cats=blt26ecc97a31a841c1&amp;q=AL2-14MR-D&amp;doc-lang=en</a> |

## Product Packaging

|                   |    |
|-------------------|----|
| Cardboard (g)     | 65 |
| Other paper (g)   | 0  |
| Aluminum (g)      | 0  |
| Steel (g)         | 0  |
| Styrofoam (g)     | 0  |
| Other plastic (g) | 0  |
| Wood (g)          | 0  |
| Glass (g)         | 0  |
| Others (g)        | 0  |

## Compatible products

| Material               | Description / Price List Text / Classification                                                                                                    |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">87674</a>  | AL-232CAB<br>Interface Cable between ALPHA and PC, 2.5 m<br>Class 100100110: FA-COM PLC: Cable                                                    |
| <a href="#">142521</a> | AL2-4EX<br>Programmable Logic Controller, ALPHA Extension Unit 4 digital inputs, DC<br>Class 100100102: FA-COM PLC: Digital I/O Module            |
| <a href="#">142522</a> | AL2-4EX-A2<br>Programmable Logic Controller, ALPHA Extension Unit 4 digital inputs, AC<br>Class 100100102: FA-COM PLC: Digital I/O Module         |
| <a href="#">142523</a> | AL2-4EYR<br>Programmable Logic Controller, ALPHA Extension Unit 4 relay outputs<br>Class 100100102: FA-COM PLC: Digital I/O Module                |
| <a href="#">142524</a> | AL2-4EYT<br>Programmable Logic Controller, ALPHA Extension Unit 4 transistor outputs<br>Class 100100102: FA-COM PLC: Digital I/O Module           |
| <a href="#">142526</a> | AL2-EEPROM-2<br>Programmable Logic Controller, ALPHA EEPROM-Memory Cassette<br>Class 100100111: FA-COM PLC: Other Option                          |
| <a href="#">142528</a> | AL2-GSM-CAB<br>Programmable Logic Controller, ALPHA Communication-/GSM Cable, 1.5 m<br>Class 100100110: FA-COM PLC: Cable                         |
| <a href="#">151235</a> | AL2-2DA<br>Programmable Logic Controller, ALPHA Extension Unit 2 analogue outputs<br>Class 100100103: FA-COM PLC: Analogue I/O Module             |
| <a href="#">151238</a> | AL2-2PT-ADP<br>Programmable Logic Controller, ALPHA Analogue Input Converter PT100,2 channels<br>Class 100100103: FA-COM PLC: Analogue I/O Module |

| Material               | Description / Price List Text / Classification                                                                                                     |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">151239</a> | AL2-2TC-ADP<br>Programmable Logic Controller, ALPHA Analogue Input Converter K-Type,2 channels<br>Class 100100103: FA-COM PLC: Analogue I/O Module |
| <a href="#">338294</a> | STEP-PS/ 1AC/24DC/1.75<br>Power supply unit for 100-240V AC; 24V DC / 1.75A output<br>Class 100100111: FA-COM PLC: Other Option                    |
| <a href="#">339434</a> | STEP-PS/ 1AC/24DC/0.75<br>Power supply unit for 100-240V AC; 24V DC / 0.75A output<br>Class 100100111: FA-COM PLC: Other Option                    |
| <a href="#">403063</a> | STEP-PS/ 1AC/24DC/2.5<br>Power supply unit for 100-240V AC; 24V DC / 2.5A output<br>Class 100100111: FA-COM PLC: Other Option                      |