



MATERIAL FACT SHEET

242170 LY42PT1P

General Data

Product Hierarchy	IAD510
	Modular PLC
	L-Serie
Ext. Material Group	10 EOL ANNOUNCED
ABC Indicator	B (Limited Availability from Stock)

e-shop: <https://emea-fa.mitsubishielectric.com/fa/shop/material-page/00000000000242170>

FA-MOD PLC: Digital Output Module

Series	MELSEC-L SERIES
Type	TRANSISTOR OUTPUT (SOURCE)
Power Supply (V)	12-24
Current Type	DC
Occupied I/O Points on PLC	64
Integrated Digital Outputs	64
Output Type	TRANSISTOR
Output Logic	SOURCE
Rated Load Voltage (VDC)	24
Wiring	CONNECTOR
Int. Current Consumption (A)	0,19

Product Dimensions & Weight

Width (mm)	28,5
Height (mm)	90
Depth (mm)	95
Weight (kg)	0,12

Logistic Dimensions & Gross Weight

Length (cm)	13,2
Width (cm)	15,0
Height (cm)	6,3
Gross Weight (kg)	0,181
Volume (cdm)	1,247

Stock Data

Planned Delivery Time (Days)	156
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Life Cycle

Sales Start	23.06.2011
Discontinued (EOL)	19.12.2025
Last Time Buy (LTB)	31.05.2027
Last Time Purchase (LTP)	30.06.2027
End of Service (EOS)	31.10.2034
Predecessor	No Predecessor
Successor	279553 / RY42PT1P
Successor (2)	733096 / MXF100-Y32P

Additional Product Information

Battery included	NO
Product Code	PLC(NAGOYA)

Export Data

Commodity Code	85389099
Legal Control (Dual Use List)	Not Listed
Country of Origin	Japan (JP)

Preference Status (Supplier Declaration)	Non EU
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Environmental

REACH Limit Exceeded	YES
REACH Substance CAS Number	119313-12-1
REACH Substance CAS Number (2)	7439-92-1
Dangerous Goods Class	NO
Dangerous Goods Identifier	NO
RoHS Compliance	COMPLIANT
WEEE	B2B

Conformity

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

Documentation & Media Data

Manual URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=bltdae25c2bd5f2ff94&q=LY42PT1P&doc-lang=en
Certificates URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt8050dd1408c11cc2&q=LY42PT1P&doc-lang=en
CAD URL Indicator	https://emea.mitsubishielectric.com/fa/advanced-search?ct=document&doc-cats=blt26ecc97a31a841c1&q=LY42PT1P&doc-lang=en

Product Packaging

Cardboard (g)	43
Other paper (g)	1
Aluminum (g)	0
Steel (g)	0
Styrofoam (g)	0
Other plastic (g)	18
Wood (g)	0
Glass (g)	0
Others (g)	0

Compatible products

Material	Description / Price List Text / Classification
202286	FA-CBL05FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 0,5 m Class 100100214: FA-MOD PLC: Cable
227165	FA-CBL10FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 1 m Class 100100214: FA-MOD PLC: Cable
278130	FA-CBL50FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 5 m Class 100100214: FA-MOD PLC: Cable
279750	FA-CBL30FMV Connection cable; PLC 40-pin I/O connector to 32-point terminal block; 3 m Class 100100214: FA-MOD PLC: Cable
308387	FA1-TESV32XY Connector Spring Clamp 32 Point Terminal Conversion Unit Class 100100215: FA-MOD PLC: Other Option
686133	FA-CBL100FMV Connection cable for DC-dedicated distributed type conversion modules; 10 m Class 100100214: FA-MOD PLC: Cable