

24V DRIVEN RECEIPT, TICKET PRINTER

3” KIOSK PRINTER UNIT

FTP-639USL001

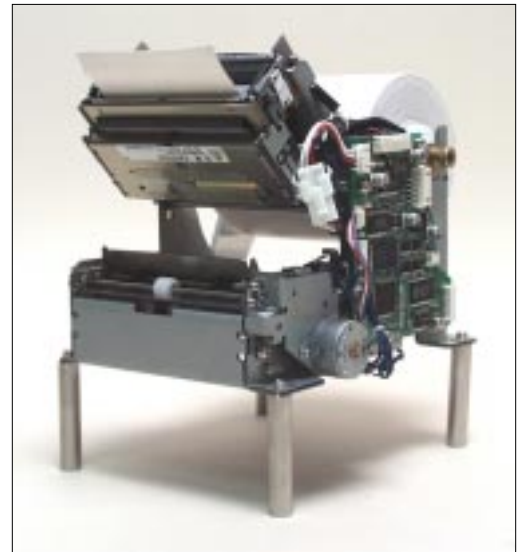
■ OVERVIEW

The FTP-639UCL/USL Series is 24V driven receipt printer unit with cutter for 3 inch wide paper. The unit has our high-speed FTP-639MCL mechanism, cutter and control board, with an integrated paper feed and built-in paper guide section.

The receipt printer unit is most suitable for applications such as POS, ATM, and receipt and ticket issuing printers for various other equipment.

■ FEATURES

- Unit supported (mounting is easy)
- High speed printer (200mm / sec.)
- Auto cutter included
- Paper near end-detection function
- Paper presenter and collector
- Up to 10 inch paper diameter
- Low power consumption
- Printer partial tilt function



■ DESIGNATION

| Item | | Part number |
|--------------------------|------------------------------|-----------------|
| Printer module Interface | Serial (RS-232C) | FTP-639USL001*1 |
| Cables | Serial interface | FTP-629Y301 |
| | Power for logic, head, motor | FTP-629Y601 |

*1: Interface board is similar to FTP-629DSL038

(Continued)

| Item | | Specifications |
|-------------------------------------|-----------------------|--|
| Environmental conditions | Operating temperature | 0°C to +50°C |
| | Operating humidity | 20 to 85% RH (no condensation) |
| | Storage temperature | -40°C to +85°C (excluding paper) |
| | Storage humidity | 5 to 95% RH (no condensation) |
| Detection | Head temperature | By thermistor (applied energy control, abnormal temperature detection) |
| | Paper out/Mark detect | By photointerrupter |
| | Head-up | By microswitch |
| | Near end paper | By mechanical switch |
| Recommended thermal sensitive paper | | For front insertion use (80 mm width) : FTP-030P0701/P0102 Recommended papers · Oji Paper : PD150R,PD160R-N,PD170R · NIPPON Paper : TF50KS-E,TF60KS-E,TF50KS-E4 · MITSUBISHI Paper Mills : P220VBB-1,AFP-233 |
| Paper diameter | Standard | 120mm |
| | Extended (attachment) | 253mm |

*1: 24VDC, minimum head resistance.

■ FUNCTIONS

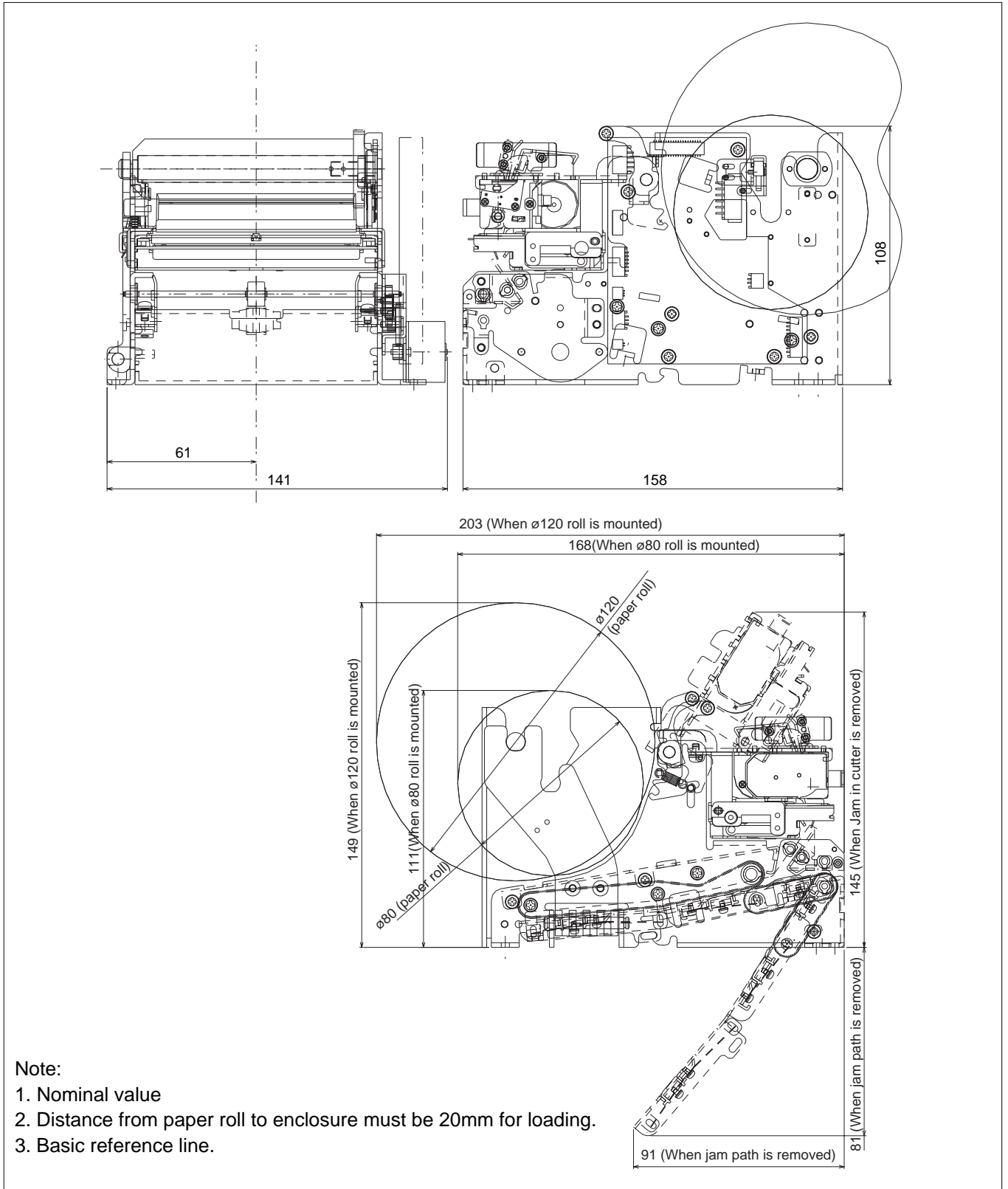
| | Item | | Item |
|----|--|-----|-------------------------------------|
| 1. | Test print function | 7. | Head voltage abnormality detection |
| 2. | Paper out detection | 8. | Cutter abnormality detection |
| 3. | Paper near end detection | 9. | Motor power saving function |
| 4. | Head up detection | 10. | Mark detection function |
| 5. | Thermal head temperature abnormality detection | 11. | MCU operation abnormality detection |
| 6. | Blow-out fuse detection | 12. | Bar code |

■ INTERFACE , COMMAND, OPTIONS

Please refer to the FTP-629DSL038 for the FTP-639USL001.
Interface command options, please see FTP-609 datasheet.

■ DIMENSIONS

Integrated unit



Note:

1. Nominal value
2. Distance from paper roll to enclosure must be 20mm for loading.
3. Basic reference line.

**Fujitsu Components
International
Headquarter
Offices**

Japan

Fujitsu Component Limited
Gotanda-Chuo Building
3-5, Higashigotanda 2-chome, Shinagawa-ku
Tokyo 141, Japan
Tel: (81-3) 5449-7010
Fax: (81-3) 5449-2626
Email: promothq@ft.ed.fujitsu.com
Web: www.fcl.fujitsu.com

North and South America

Fujitsu Components America, Inc.
250 E. Caribbean Drive
Sunnyvale, CA 94089 U.S.A.
Tel: (1-408) 745-4900
Fax: (1-408) 745-4970
Email: marcom@fcai.fujitsu.com
Web: www.fcai.fujitsu.com

Europe

Fujitsu Components Europe B.V.
Diamantlaan 25
2132 WV Hoofddorp
Netherlands
Tel: (31-23) 5560910
Fax: (31-23) 5560950
Email: info@fceu.fujitsu.com
Web: www.fceu.fujitsu.com

Asia Pacific

Fujitsu Components Asia Ltd.
102E Pasir Panjang Road
#04-01 Citilink Warehouse Complex
Singapore 118529
Tel: (65) 6375-8560
Fax: (65) 6273-3021
Email: fcal@fcal.fujitsu.com
www.fcal.fujitsu.com

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