UNIPULSE

Jul. 2012

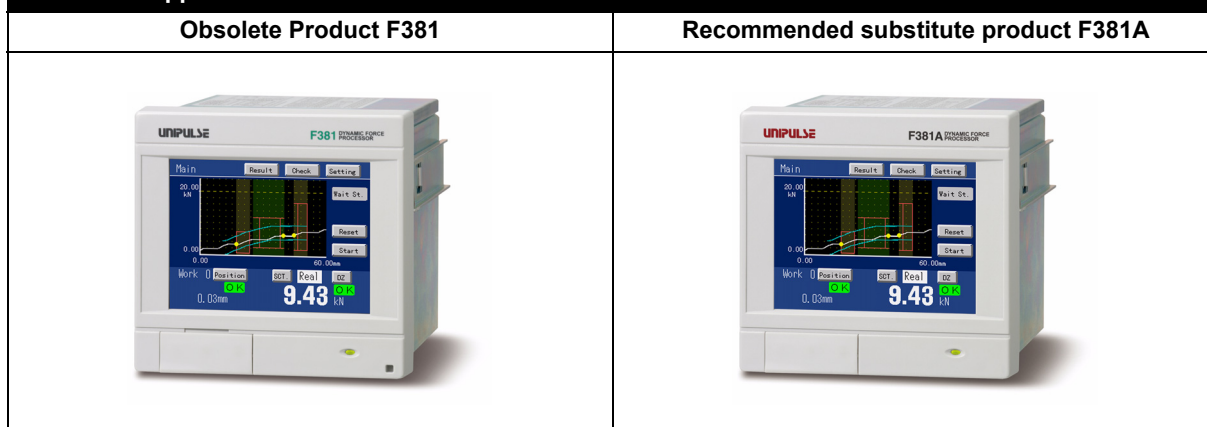| Obsolete Product	➤	Recommended substitute product
Dynamic Force Processor **F381**		**Dynamic Force Processor** **F381A**

■ Obsolete date　August 2012

■ Difference to recommended substitute product

Model	Product appearance	External dimension	Attachment dimension	Interface
F381A	◯ (Model, LCD, front panel)	◯ (Only front panel)	◎	◎
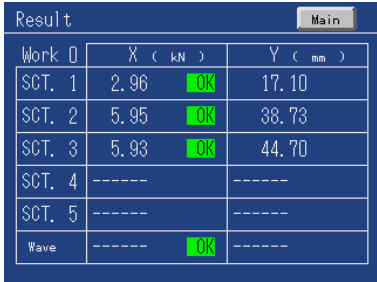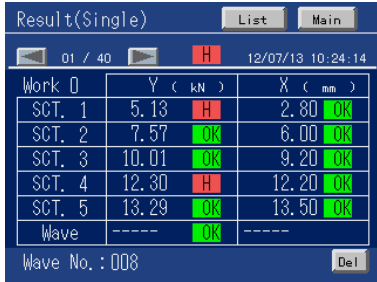
◎：Fully compatible　　◯：Minor change　　☆：Major change

■ Product appearance

Obsolete Product F381	Recommended substitute product F381A

■ External dimension

Obsolete Product F381	Recommended substitute product F381A
Unit：mm	Unit：mm

Front　　Top

96

99.5

Rear　　Side

91　　91　　(18)　99.5

Front　　Top

96　(3.5mm down)

96

Rear　　Side

91　　91　　(18)　99.5

No changes on Panel Dimension

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■ **Specification**　　　　　　　　　　　　　　　　　　　　　　　　　　　**＜ Differences ＞**

		Obsolete Product F381	Recommended substitute product F381A
Display section	Display unit	STN color LCD	TFT color LCD
	Display area	71.02（W）× 53.26（H）mm	70.56（W）× 52.92（H）mm ※ About 0.5mm down
	Contrast	Necessary adjustment	Unnecessary adjustment
	Backlight	Two levels (Light on・Light out)	Three levels (Bright ・ Dark ・ Light out)
	Judgment results display	Latest judgment results display *[Result screen display]*	Latest 40 judgment results display *[Result(Single) screen display]* ⇕　Enable screen selection Latest 40 data list up judgment result by section OR waveform comparison *[Result(List) screen display]*
General specifications	Power consumption	24W(max)	20W(max)
	Operating conditions	Operation temperature range： 0 ～＋ 40 ℃	Operation temperature range： － 10 ～＋ 40 ℃
	External dimension	99.5（W）× 96（H）× 117.3（D）mm （not including projections）	96（W）× 96（H）× 117.3（D）mm （not including projections） ※ Reduce width 3.5mm 　 Only front panel change and no changes 　 on Panel cut dimension.
Attachments		・FCN series I/O connector (with cover) ・Ferrite core ・Operation manual ・DeviceNet connector 　 (when DeviceNet option is installed) ・CC-Link connector 　 (when CC-Link option is installed)	・FCN series I/O connector (with cover) ・Operation manual ・DeviceNet connector 　 (when DeviceNet option is installed) ・CC-Link connector 　 (when CC-Link option is installed)
CE marking certification		CE marking conformity on unit itself only (options are non CE conformity)	Both unit and options are with CE Conformity

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■ F381A backlight

You choose the backlight from three levels (Bright・Dark・Light out)

    Bright：As usual bright display

    Dark：A little darker than Bright

    Light out：Black out screen

Backlight setting (2types) ON time setting & Low time setting).

Example) If you set the ON time for 30 minutes, and the Low time for 10 minutes.

	Bright	Dark	Light out

Low time (10 minutes)
ON time (30 minutes)

    10 mins

    30 mins

※ If you set ON time less than Low time, ON time is to prioritize.
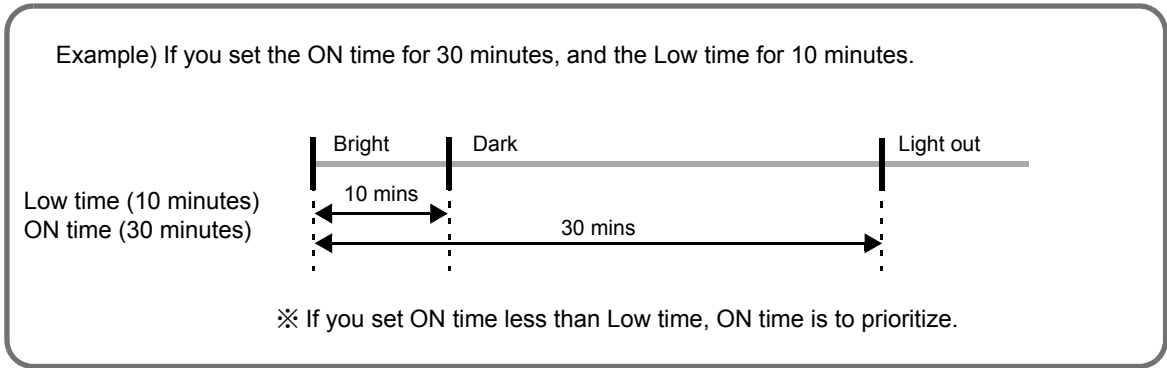
■ SD Card setting changes on data transition (F381 - F381A)

If F381 Version is above 1.03 setting can be shifted to F381A with SD Card.
Backlight setting (ON TIME) still valid after setting shifted however Blacklight three level setting (Brigh / Dark / Light out) need to reset from the unit.