') ,(' &DWDORJX

)RU 5HOLDEOH 6HFXUHDOOQH(FRQRQPWHP 2SHUD

'RQJIDQJ (OHFWURQLFV ,QWHUQDWLRQDO (QJLQHHULQJ &R
'RQJIDQJ (OHFWURQLFV &R /WG

1 Overview

1.1 DF1725IED Components and Modules

Rack and power supply units

1.2 System Capacity

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1.3 Flexible Configuration

Embedded communication protocols

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1.4 Communications

1.5 Maintenance and Diagnosis

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1.6 Time-Synchronization

1.7 Synchronism Detect

1.8 PLC functions

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-
-
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-
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1.9 Gateway/Protocol Converter Capability

1.10 Wide Application for RTU/Gateway/BCU/FRTU

RTU for Substation   *FRTU for RMU*   *Pole mounted FTU*

1.11 DF1725IED Compliances Standard

Environmental

Mechanical

Electrical

IEC61850

2 DF1725IED Components Technical Specification

2.1 POWER supply card

- $\pm$
-
-
-

2.2 MCU

Available function card

- ➤
- ➤
- ➤
- ➤
- ➤
- ➤
- ➤

➢

➢
➢
➢
➢

➢

➢

2.2.1 MCU-1

CPU
●

    Memory
●

●

●

    Communication Ports
●

●

●

●

    Synchronization
●
●

LED indications for MCU

Available function card
    ➢

    ➢

2.2.2 MCU-5

CPU
●

Available function card
    ➢

●
    ➢

●

●

●

Communication Ports
●

●

●

Synchronization
●

●

LED indications for MCU

2.2.3 MCU-6

CPU

-

Memory

-
-
-
-

Communication Ports for MCU-6-A, MCU-6-B, MCU-6-C

-

-

-
  - ➤
  - ➤
  - ➤

Communication Ports for MCU-6-D

-

-

-

-

Synchronization

-
-

LED indications for MCU

2.3 COM-6 card

-

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Available function card
  - ➤
  - ➤

2.4 DCAI-8 card

●

●

●

●

●

●

●

Sampling Capacity

●

●

●

A/D References

●

●

Accuracy

●

●

Overload Rating

●

●

Available function card

➢

➢

2.5 ACAI card

-
-
-

Sampling Rate

-
-

Accuracy

-
-
-
-
-

Overload Rating

-
-

Available function card

- ➢
- ➢
- ➢
- ➢
- ➢
- ➢
- ➢
- ➢
- ➢
- ➢

Sampling Capacity

-
-

-

Maximum Load

2.6 DI-16 card

2.7 DI-32 card

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2.8 CO card

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Available function card

- ➢
- ➢
- ➢

-

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Control Output Points

-
-
-

-

-

-
-

-

-

-

LED Indication per point

Available function card

- ➢
- ➢

2.9 AO-2 card

Feedback Current/voltage Scan Rate and Adjustment

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-

-

D/A resolution for output & A/D resolution for feedback input

-

Available function card

- ➢

-

Output Channels

-

2.10 GPS card

Specifications
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2.11 DF1725IED Subrack

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Available selection
- ➢
- ➢
- ➢
- ➢
- ➢
- ➢
- ➢
- ➢
- ➢