



A C

COMPANY



冶金电控仪整体解决方案

01

P4

02

P5

03

P6

04

P7

05

- 1.
- 2.
- 3.
- 4.

P8-14

06

P15

07

30000KVA
EPC

P16

08

P19





“ ”

ISO9001
OHSAS18001

ISO14001

90

DAS
DEH
DCS

30

100

”

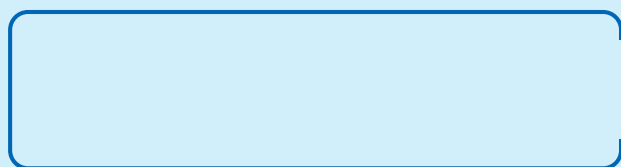
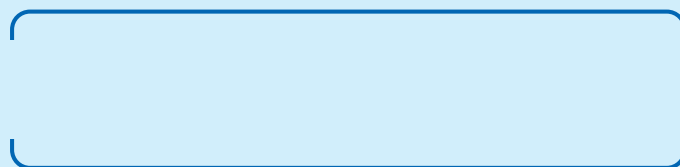
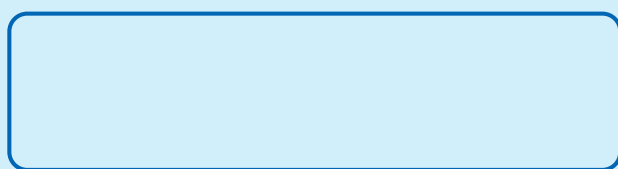
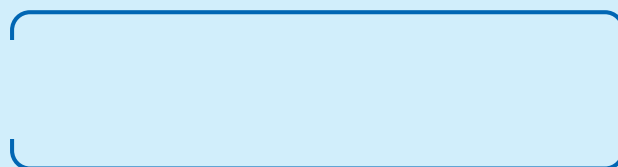
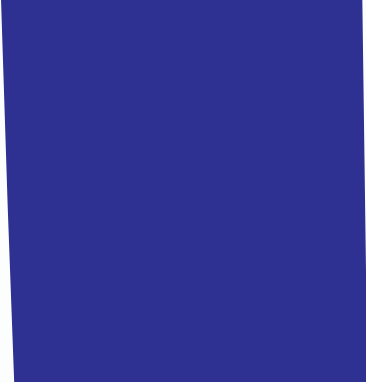
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SCADA

DCS

PLC







min

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- I/O SMT
- SOE ≤ 0.25ms
- I/O ITS CE-EMC
TUV SIL3
- I/O
- >1500V
- I/O
120dB/250V 60dB/60V
16 A/D
- 0.1% 0.05%
- 16 D/A 0.2%
- I/O I/O
- NCU I/O

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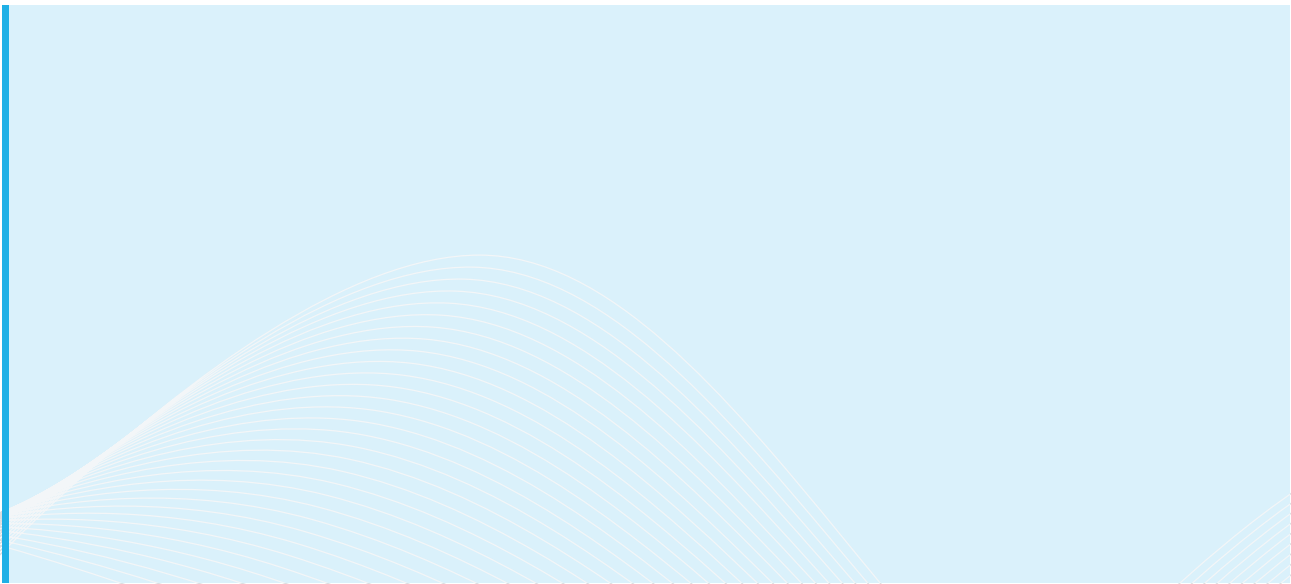
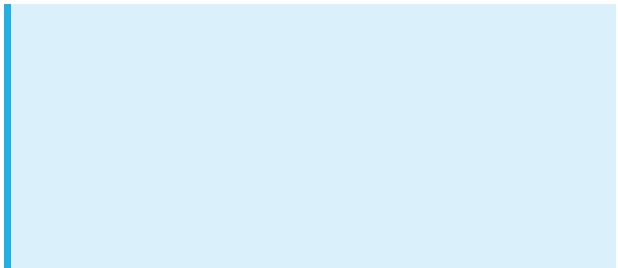
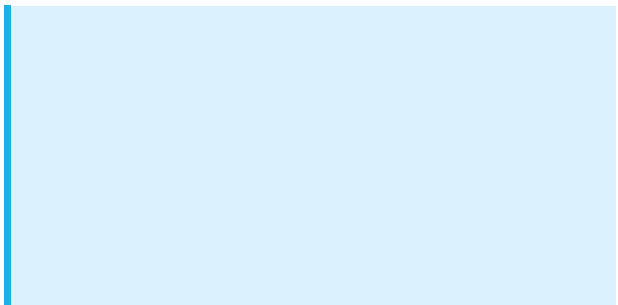
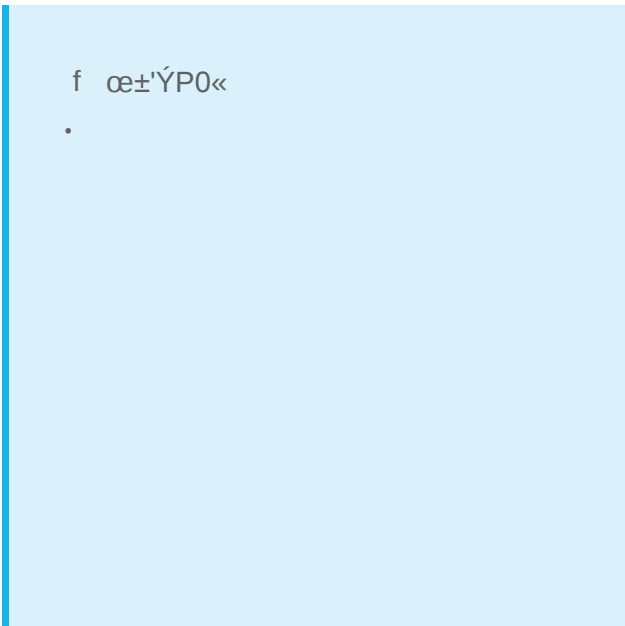
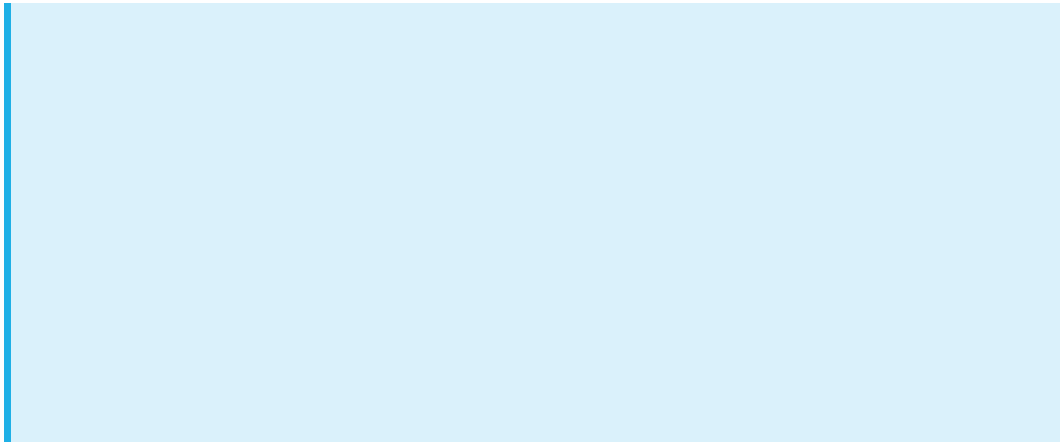
- IEC61131-3
-
- DPU DCS
- DPU DCS
- DEVICE
-
-
-
- I/O
-

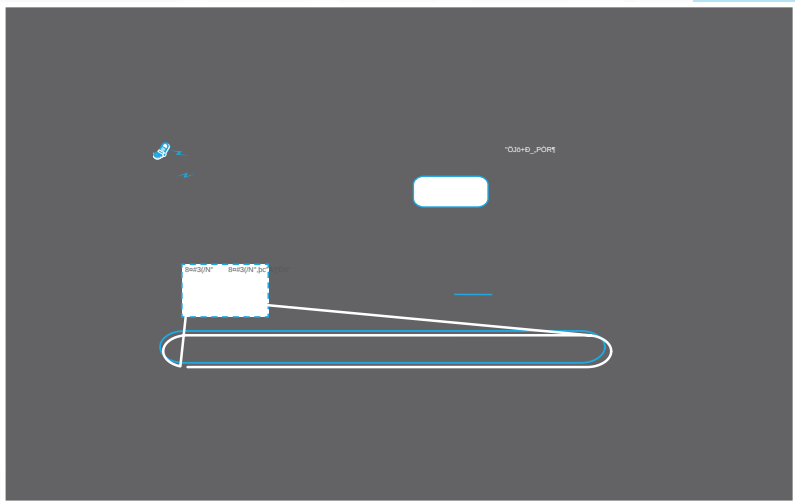
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- HMI
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- NCU I/O

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- SIS





CNA

2 × 33000KVA

2 × 48000KVA

110kV 开关站



变压器

1.	
2.	
3.	4.
5.	6.
7.	8. 110KV
9.	
10.	



UPS

DCS

HMI()

DCS
HMI

矿热炉外貌

MCC

I/O

DCS
I/O

DCS

I/O

DCS

DCS

DCS

I/O

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5 V•|Ê/"u@ % \$ 4 •ts•S•

'@V•BÔOñu@ % \$ 4 •ts•S•

工艺现场

电子设备间一角

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1	T Ě a P jef W Ä ' , [	1# @CŠ g33000KVA h ¾) © Ĩ w -	O ò © Ĩ gDCS)	fw .
2	T Ě a É üdí(™ P Ä ' , [	T Ě É üdíJ' ^Js ½CŠ 8 Ê ¾) (2*40500(KVA)	O ò © Ĩ(DCS) o•Z no• H	fw
3	Ä O N&i Ô(™ P • Ö Ä ' , [	Ä O N&i Ô(™ P • Ö Ä ' , [2*45000KVA Js ½CŠ ¾)	O ò © Ĩ(DCS) o• H ^	Ä O N
4	T Ě a P jef W Ä ' , [	2*33000KVA @ ¾) © Ĩ ... ` C ô Ñ APP	O ò © Ĩ(DCS)	fw .
5	° V Ý W i — Ö Ä ' , [	° V Ý W i — Ö Ä ' , [LĐ jDX □ • Ä ' , [2*25500KVA ^` PJs ½CŠ w ¾)%² Ê	O ò © Ĩ(DCS)	ýR:
6	Ä O N-b dí Ô _ ` P Ö % Ä ' , [	Ä O N-b dí Ô _ ` P Ö % Ä ' , [v D 40 *pJ' ^Js ½CŠ ¾) (6*40500KVA)	O ò © Ĩ(DCS) o•Z no•ä z 9 Ho• ä z 9 Ø	Ä O N
7	x%ÿ m² ê • Ö % Ä ' , [	2x31500KVA % { @CŠ 8 Ê í m	O ò © Ĩ(DCS) o• Z n	×
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9	Ä O N?ß ` P ` Ä ' , [	?ß ` 30 *pJ'es ¾) ä 9 J Èo• Øo•DCS í m (2*48000KVA)	O ò © Ĩ(DCS) o• H	Ä O N
10	Ä O N?ß ` P ` Ä ' , [	p:e-?ß 1*48000KAV J'esCŠ ¾) g í m h	O ò © Ĩ(DCS)	Ä O N
11	Ä O NB~" Ĩ > Ĩ Ä ' , [	Ä O NB~" Ĩ > Ĩ Ä ' , [J'es CŠDX HDCS ¾)	O ò © Ĩ(DCS)	Ä O N
12	Ä O N?ß ` P ` Ä ' , [	?ß ` 30 *pJ'es ¾) ä 9 J Èo• Øo•DCS(2*48000KVA)	O ò © Ĩ(DCS) o• H	Ä O N
13	Ä O N?ß ` P ` Ä ' , [	?ß ` 30 *pJ'es ¾) -110KV • ¼ { í m	H	Ä O N
14	Ä O N?ß ` P ` Ä ' , [	¹ ¿-?ß 1*48000KAV J'esCŠ ¾)	O ò © Ĩ(DCS) o•Z no• H	Ä O N
15	Ä O N E + - ` Ä ' , [	E + 6*48000KVA @CŠ ¾) Z n	Z n	Ä O N
16	Ä O N?ß ` P ` Ä ' , [	p:e-?ß 1*48000KAV J'esCŠ ¾)	O ò © Ĩ(DCS)	Ä O N
17	Ä O N?ß ` P ` Ä ' , [	Ä O N?ß ` P ` Ä ' , [v D 30 *pesJ' ` P ¾) - > È Ĩ Ñ © Ĩ	O ò © Ĩ(DCS)	Ä O N
18	´ ? -b' ^ ` P Ä ' , [	´ ? -b' ^ ` P , [2*33000KVA J'es ¾) H W i	O ò © Ĩ(DCS)	Ä O N
19	T Ě ? P jef W Ä ' , [	2*33000KVA @ ¾) F i @ ±LĐ O w ¾)	O ò © Ĩ(DCS)	fw .
20	´ ? j t ^ Ä ' , [	4*48000KVA % { e > ^ CŠ ¾)	O ò © Ĩ(DCS) o•Z no• H	Ä O N
21	T Ě ? P jef W Ä ' , [	2# @CŠ g33000KVA h O ò © Ĩ	O ò © Ĩ(DCS)	fw .
22	× @ — L ¢ @ Ä ' , [	2*31500KVA % { @CŠ	O ò © Ĩ(DCS)	×
23	< Js — ^	2*33000KVA % { CŠ	O ò © Ĩ(DCS)	Ä O
24	< ' (P — (™ ¶ Ä ' Ä ` , [	39990KVA J' ^ CŠ		

