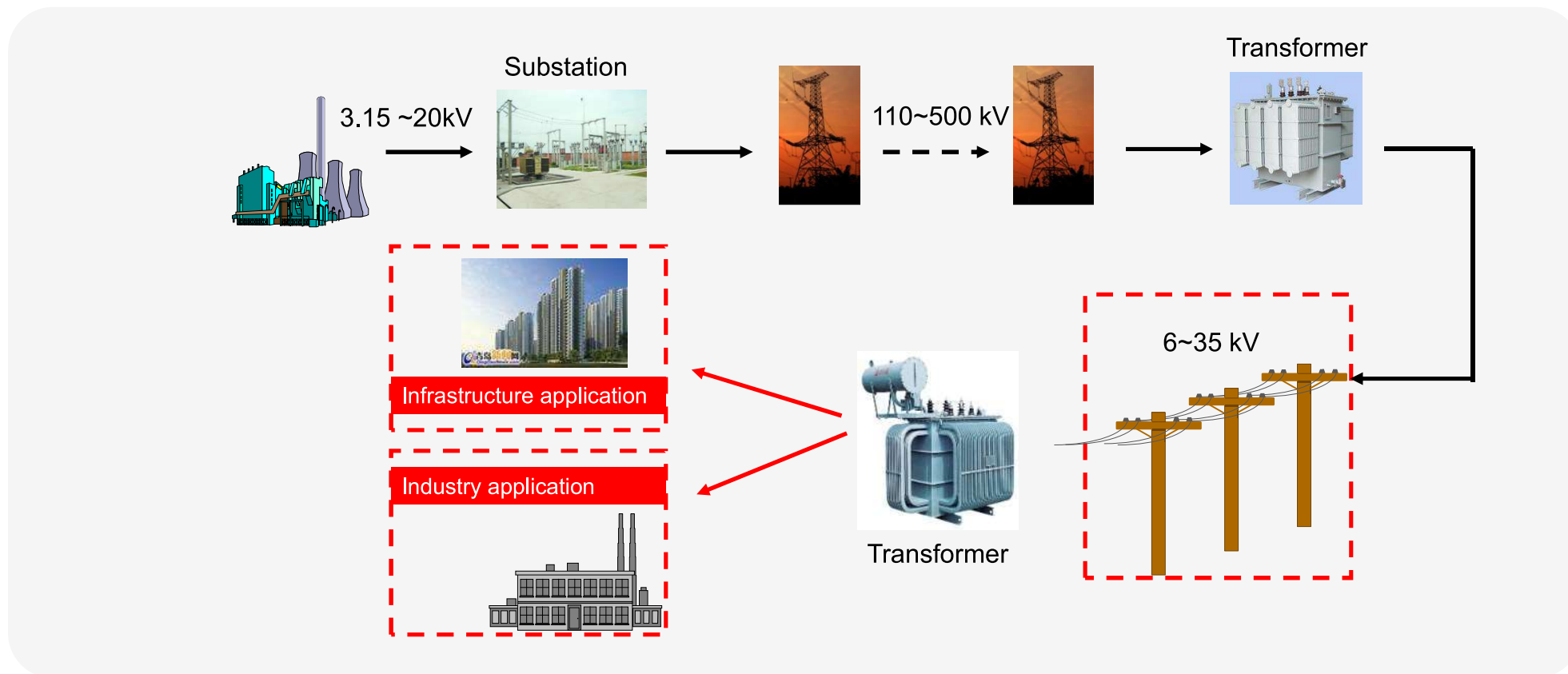




不断进取，永不满足！ PERSEVERE FOR PROGRESS, STRIVE FOR EXCELLENCE!

Introduction of Low Voltage Device

Power system



DP contactor



Smart MCB



MCB



MVCB



Contactor



DC MCCB



ACD



High and low voltage switchgear



Thermal overload relay



MCCB



ACB



ATS



Our products

Professional solution provider of medium and low voltage electrical system

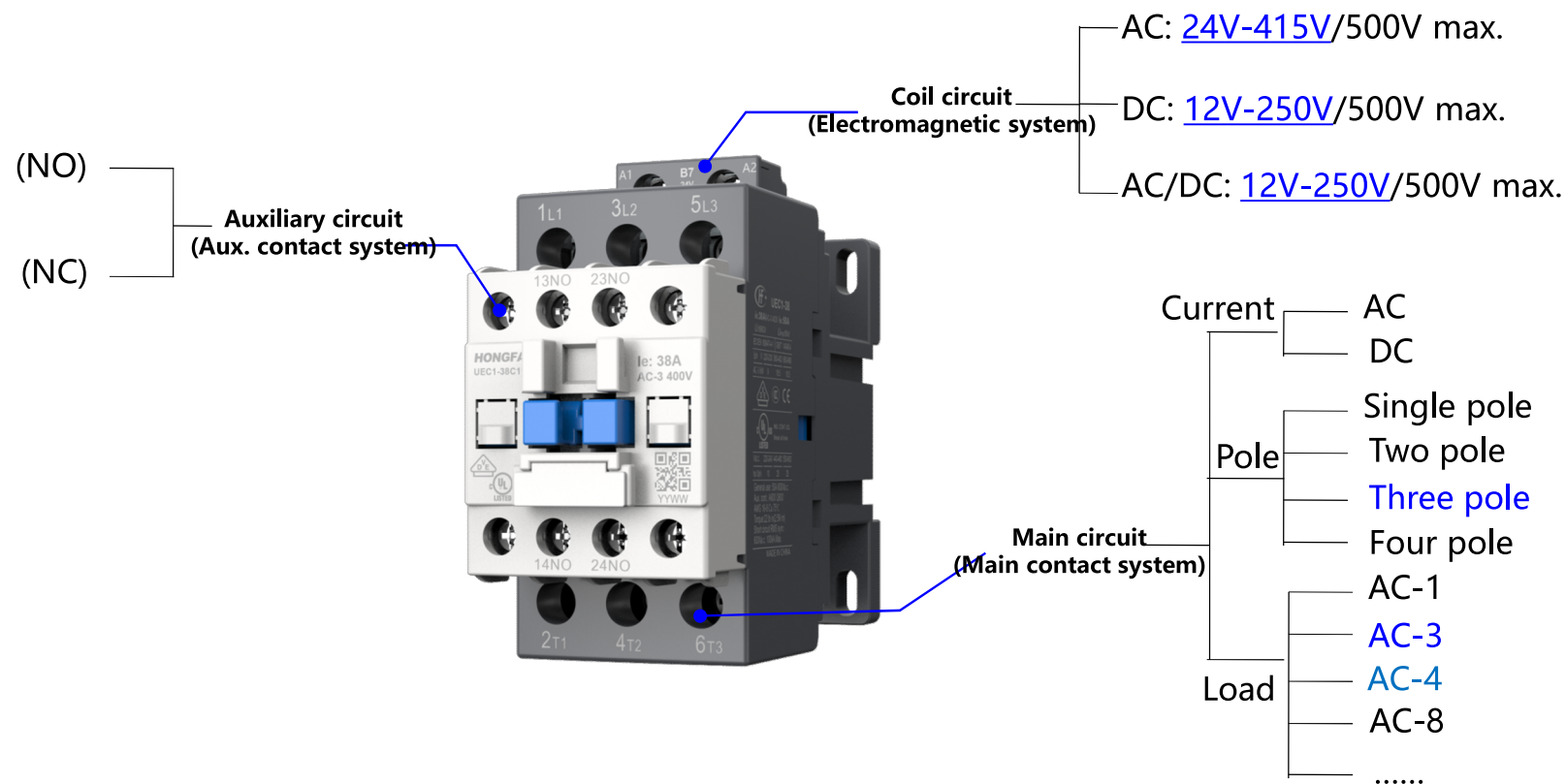
General products - control apparatus

01

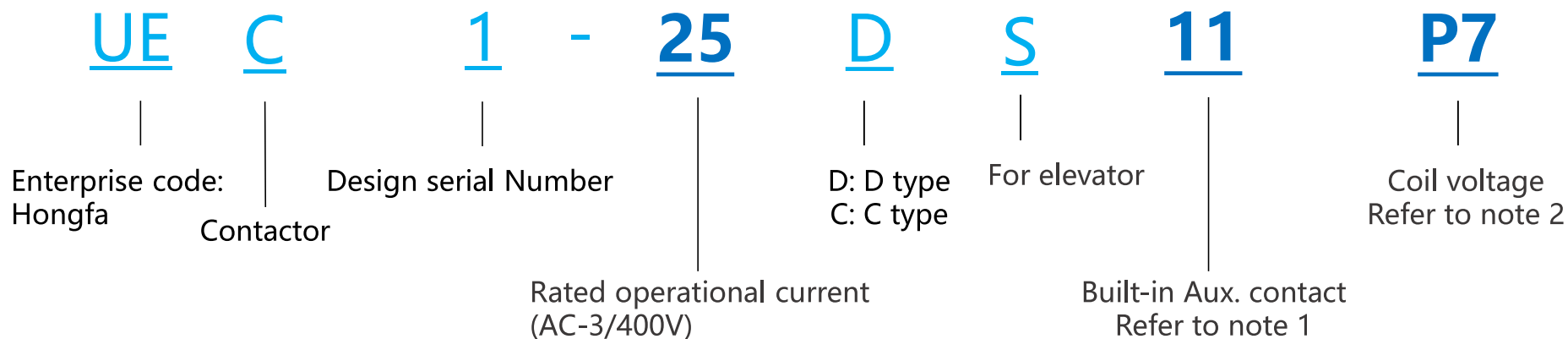


Contactor

A contactor is an electromechanical control device that used to make or break the connection between the load and power supply. The use of a contactor is similar to the relay. But the device used for higher current carrying application.



Ordering information



Product selection is mainly based on rated operational current I_e (AC-3/400V), type/quantity of built-in Aux. contacts and coil voltage.

Note 1: Number of built-in auxiliary

NO /NC contact

11: 1NO+1NC 20: 2NO

22: 2NO+2NC 02: 2NC

31: 3NO+1NC 40: 4NO

13: 1NO+3NC 04: 4NC

* 10 or 01 can be customized for 9A...38A

Note 2: Coil voltage

a.c. supply- 50/60 Hz	9-95A	Volts	24	36	42	48	110	115	127	220	230	240	380	400	415
		code	B7	CC7	D7	E7	F7	FE7	FC 7	M7	P7	U7	Q7	V7	N7
d.c. supply	9-38A	Volts	12	24	36	48	60	72	110	125	220	250	440	—	
		code	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD		
AC / DC supply - 50/60Hz DC	40-95A	Volts	24-60		100-250		—								
		code	BN7D		KU7D										

Hongfa IEC contactor -- Series specification

UEC1-□C/D

AC
contactor



09,12,18



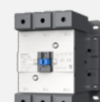
25,32,38



40,50,65



80,95



115,150,170



115,150



185,225



265,330



400,500



630,800

EN 60947-4-1

UEC1

DC coil
contactor



09,12,18



25,32,38

AC / DC coil
contactor



40,50,65



80,95

UEC1-□D for EU market

Double layer structure, built-in Aux. is different layer with main contact

longer electrical life and more auxiliary contacts

Compensation
contactor



12,18



25,32,38



50,65



95

EN 60947-4-1

UEC2

AC
contactor



06,09,12,18,25

Strong shock and vibration resistance; adapt to + 85 °C severe high temperature with strong environmental adaptability, specially for the refrigerating container

EN 60947-4-1 UEC3-□C/N

UEC3

AC
contactor



06,09,12,18,25



25,32,38

UEC3-□N for EU market

Single layer structure, built-in aux. is same layer with main contact. **Economic version**

EN 60947-4-1
EN 61095

UEC1-G

Modular
contactor



16,20,25



40,63



16,20,25



40,63

With handle

Hongfa IEC contactor -- accessories

EN 60947-4-1

UER1/3

Thermal relay



0.1~38



17~97



87~336

UER1 suitable for UEC1 contactor
UER3 suitable for UEC3 contactor

CA1

Aux contact



CA1S (2P)



CA1R (2P)



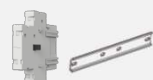
CA1R (4P)

CA1S suit for UEC1/UEC3 9A~170A
CA1R suit for UEC1 contactor

Mechanical interlock



CA1M38/CA2M38



CA1M 65

CA1M38 suit for UEC1/UEC3 9A~38A
CA1M65 suit for UEC1 40A~95A
CA2M38 suit for UEC2 contactor

Suppression module



CA1URC2 / CA1UV2 / CA1UD2

CA1URC2 suit for UEC1/UEC3 9A~95A AC Coil
CA1UV2 suit for UEC1/UEC3 9A~95A AC Coil and UEC1 9A~38A DC Coil
CA1UD2 suit for UEC1 9A~38A DC Coil

EN 60947-5-1

CA1-G

Aux contact



CA1GS (2P)

Suitable for UEC1-G Modular contactor















Other



Safety cover

Suit for UEC1/UEC3 9A~95A

Crossed reference

Manufacture	Higher performance Version				Economic Version			
	Product Series	Product Image	Characteristics		Product Series	Product Image	Characteristics	
			Layer	Built in Aux.			Layer	Built in Aux.
HF	UEC1		2	4	UEC3		1	1
Schneider	LC1D		2	2	LC1N		1	1
Siemens	3RT		2	2	3TS		1	1
ABB	A		1	1	AX		1	1
Eaton	DILM		1	0	XTCD XTCG		1	0
LS	GMC		1	2	GMC-de		1	2
CHINT (Noark)	NC8 (Ex9C)		2	4	CJX2		1	1

Accreditation in standard and testing systems



Production Control



Life Test



Automatic Testing

TEST AND ANALYSIS

THE LARGEST AND BEST-EQUIPPED TESTING FACILITY FOR RELAYS IN CHINA



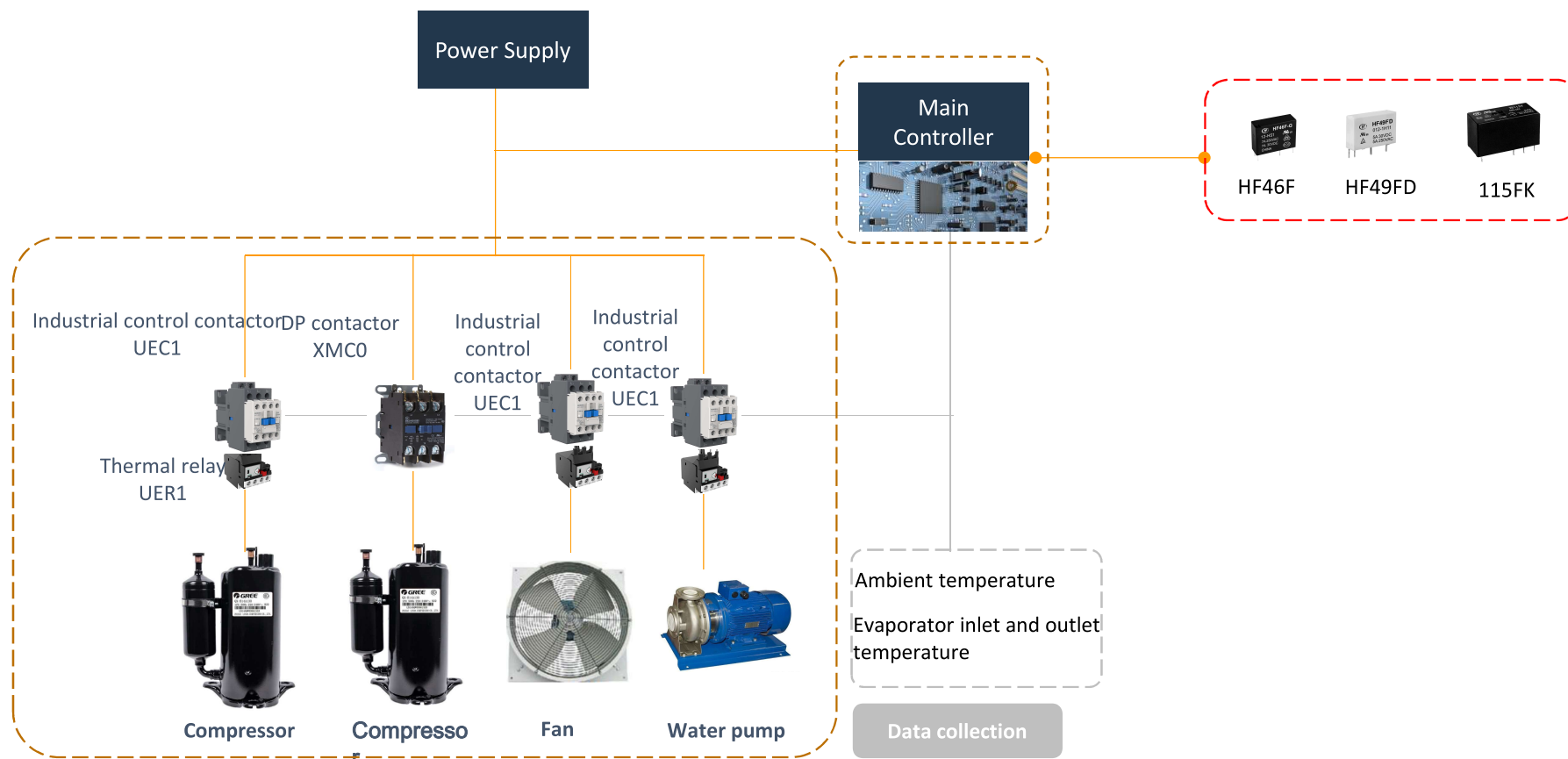
The Hongfa Testing Center is the largest and best-equipped relay testing facility in China. Its testing capacity is accredited by VDE (Germany), UL (North America), and CNAS (China). In 2007, Hongfa became VDE's only global partner for electronic components. In 2008, the Hongfa Chemical Lab earned CNAS accreditation, giving Hongfa the ability to issue credible RoHS conformity assessments.

The testing lab can conduct approximately 50 different types of relay tests in accordance with a dozen industry, national, and international standards. It has the necessary resources to meet all customer needs.

The analysis lab is staffed with profession technicians and stocked with state-of-the-art analysis equipment. Subsequently, Hongfa has the ability to perform metallurgical analysis, including raw material analysis, product failure analysis, environmental tests and other fundamental research.



Solution for HVAC



Solution for Elevator Industry

UCMP module application analysis



UCMP Control Board
(HF A4)

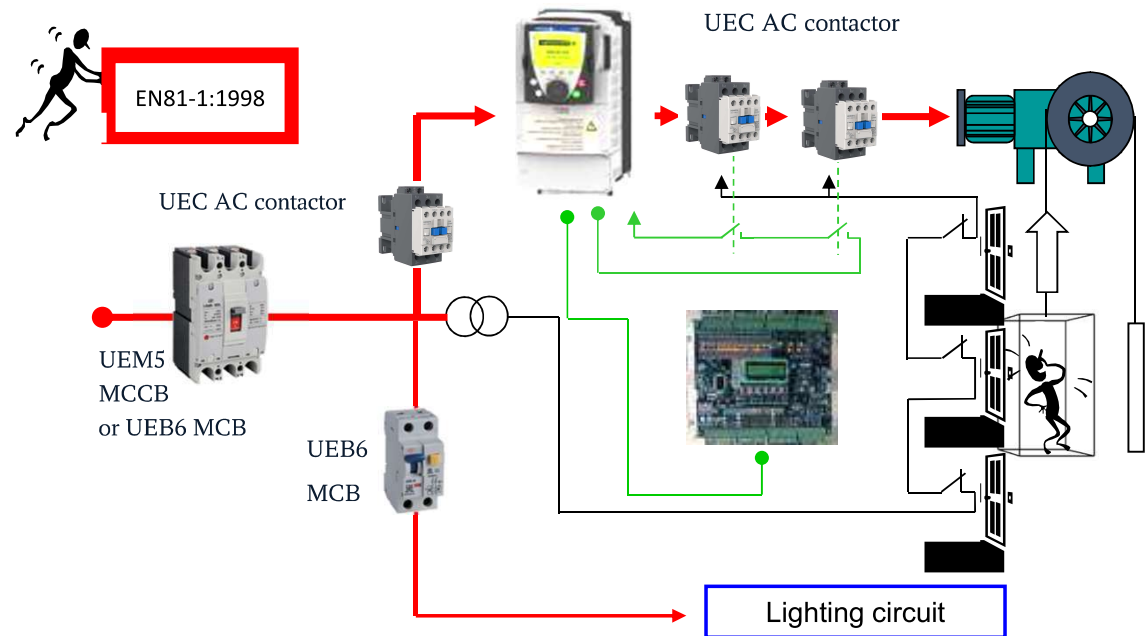


UCMP Control Board
(OMRON G7SA)

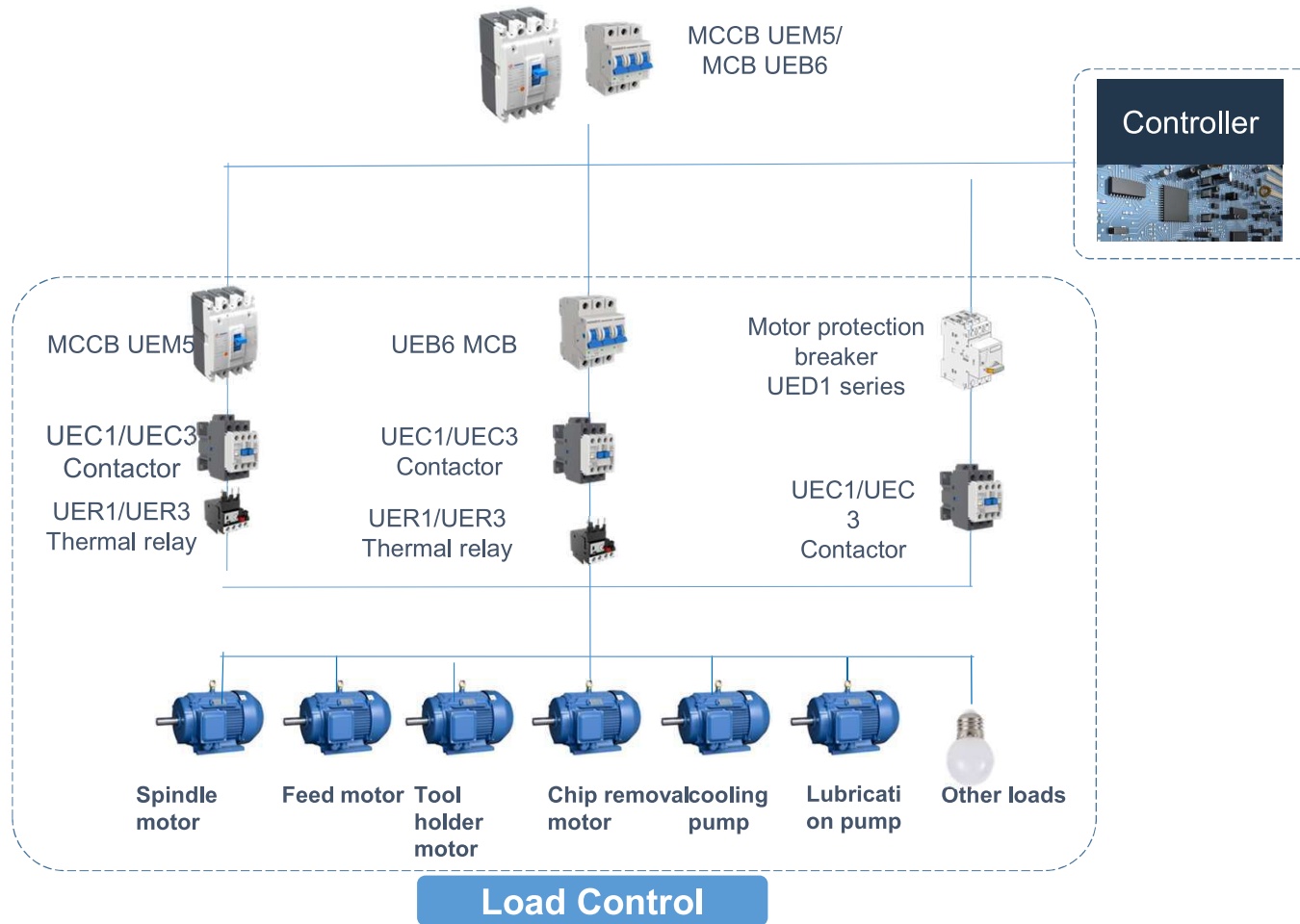


UCMP Control Board
(Panasonic SFS)

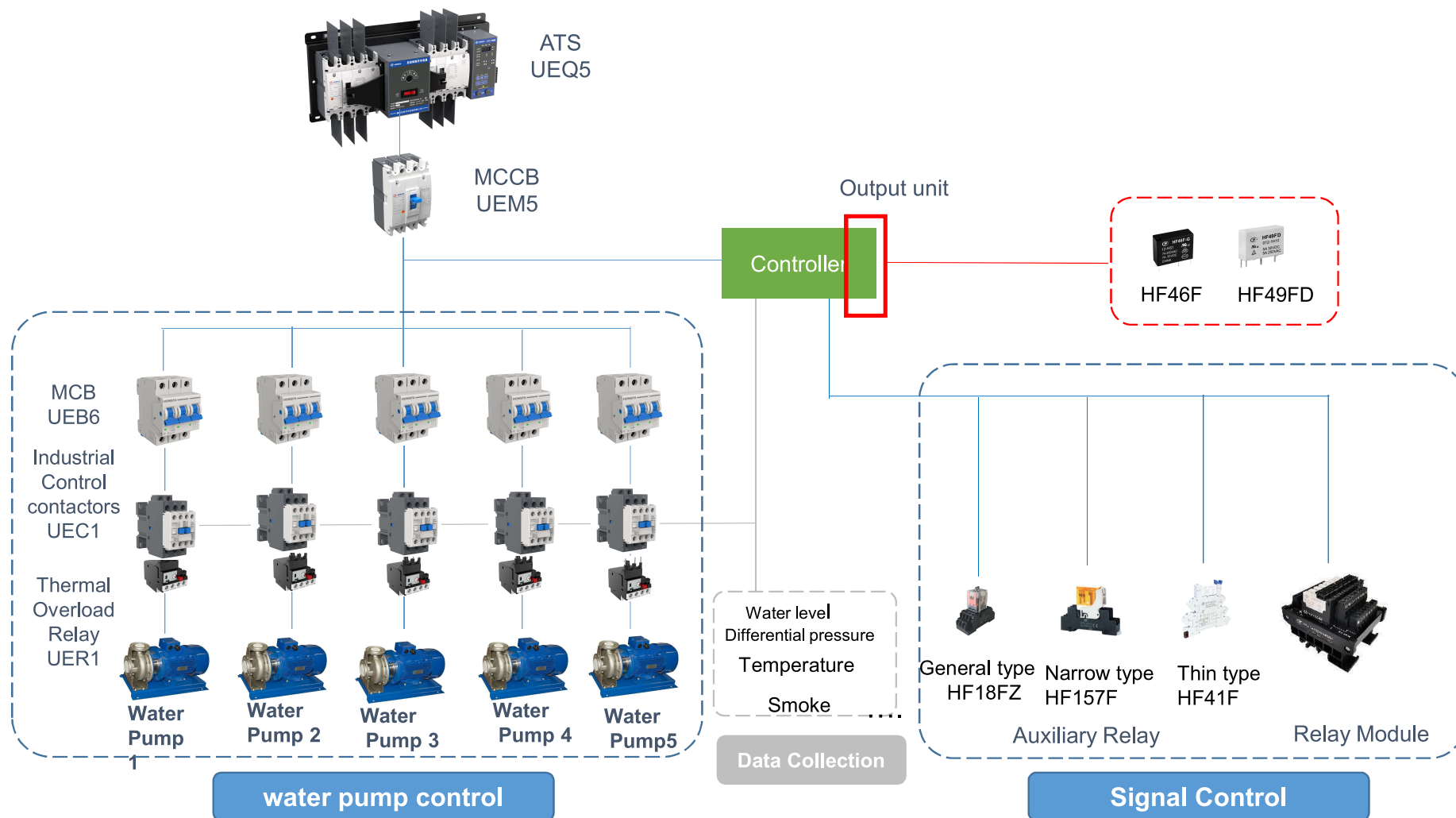
Low-voltage electrical appliance application analysis



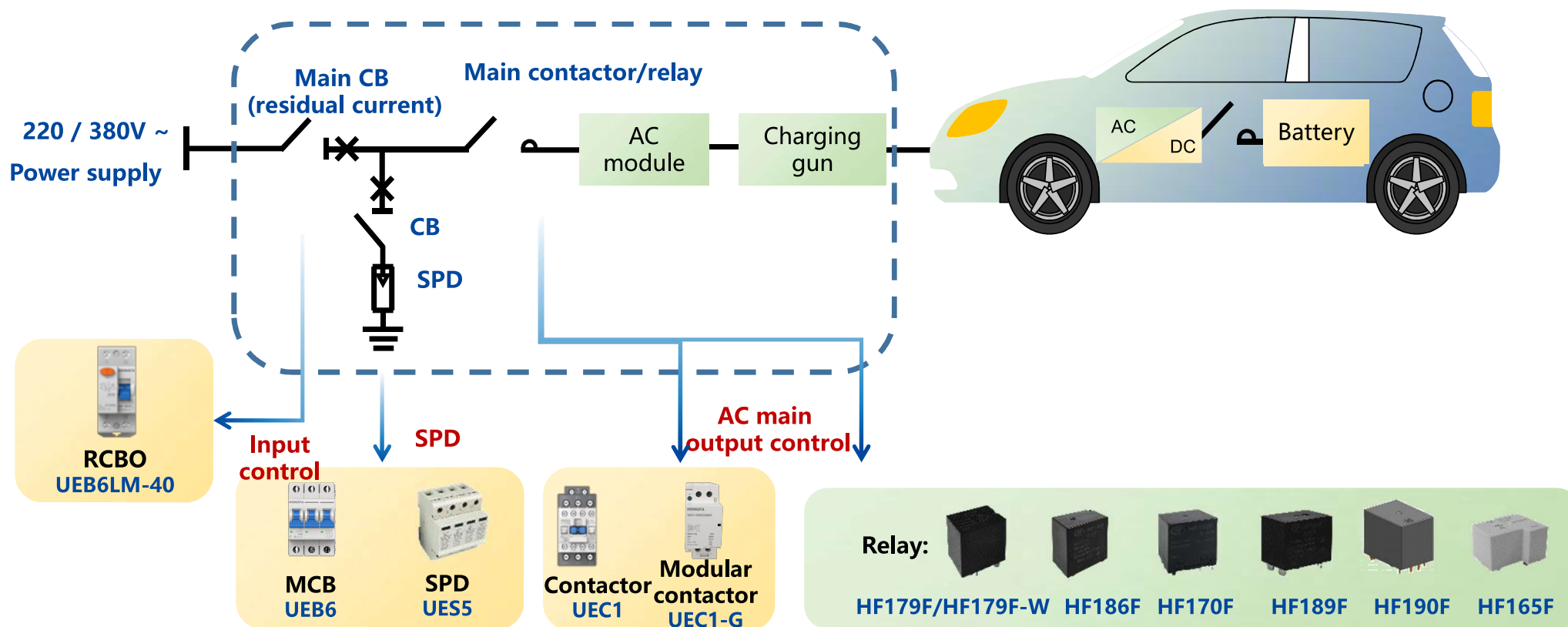
Solution for Machine tools



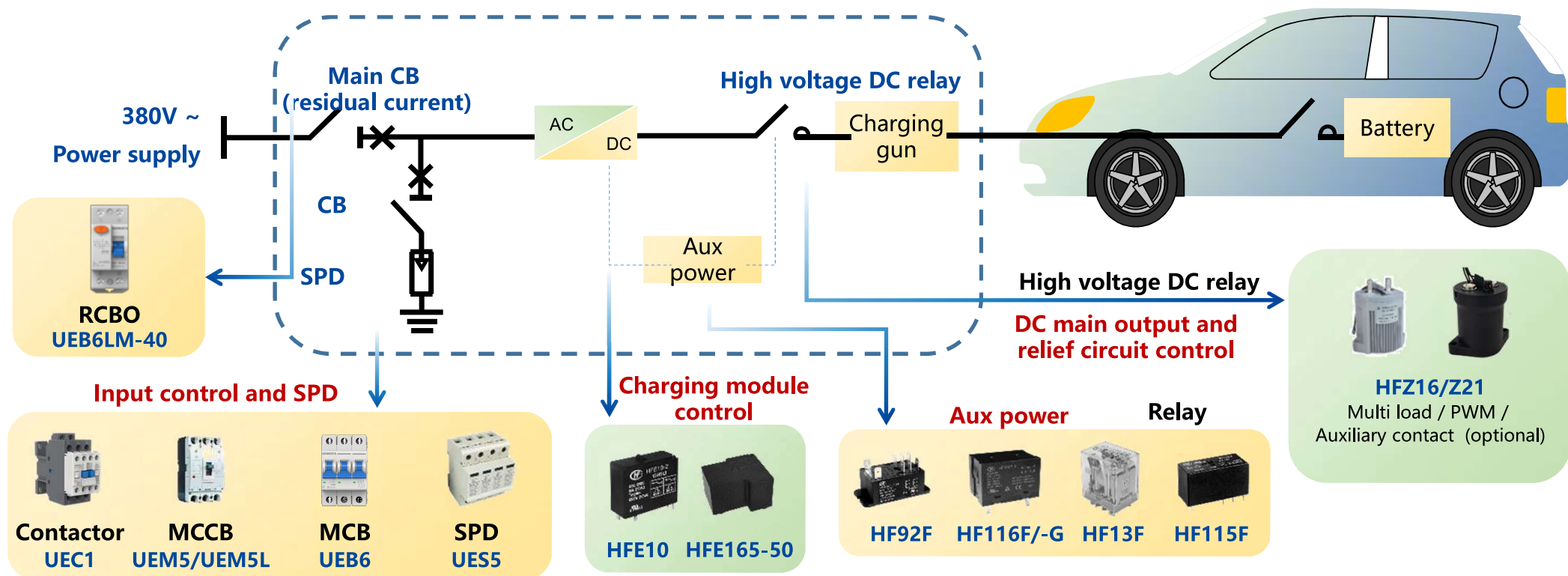
Solution for Water pump



Solution to charging infrastructure - AC charging application



Solution to charging infrastructure -- DC charging application





谢谢

THANK you

— 宏发科技，创造美好生活 —
Hongfa technology, for a better life!