



肯鑫電機股份有限公司

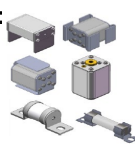
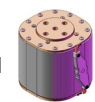
其他代理品牌 | SIEMENS PHOENIX CONTACT telergon 士林電機
Shihlin Electric

EATON

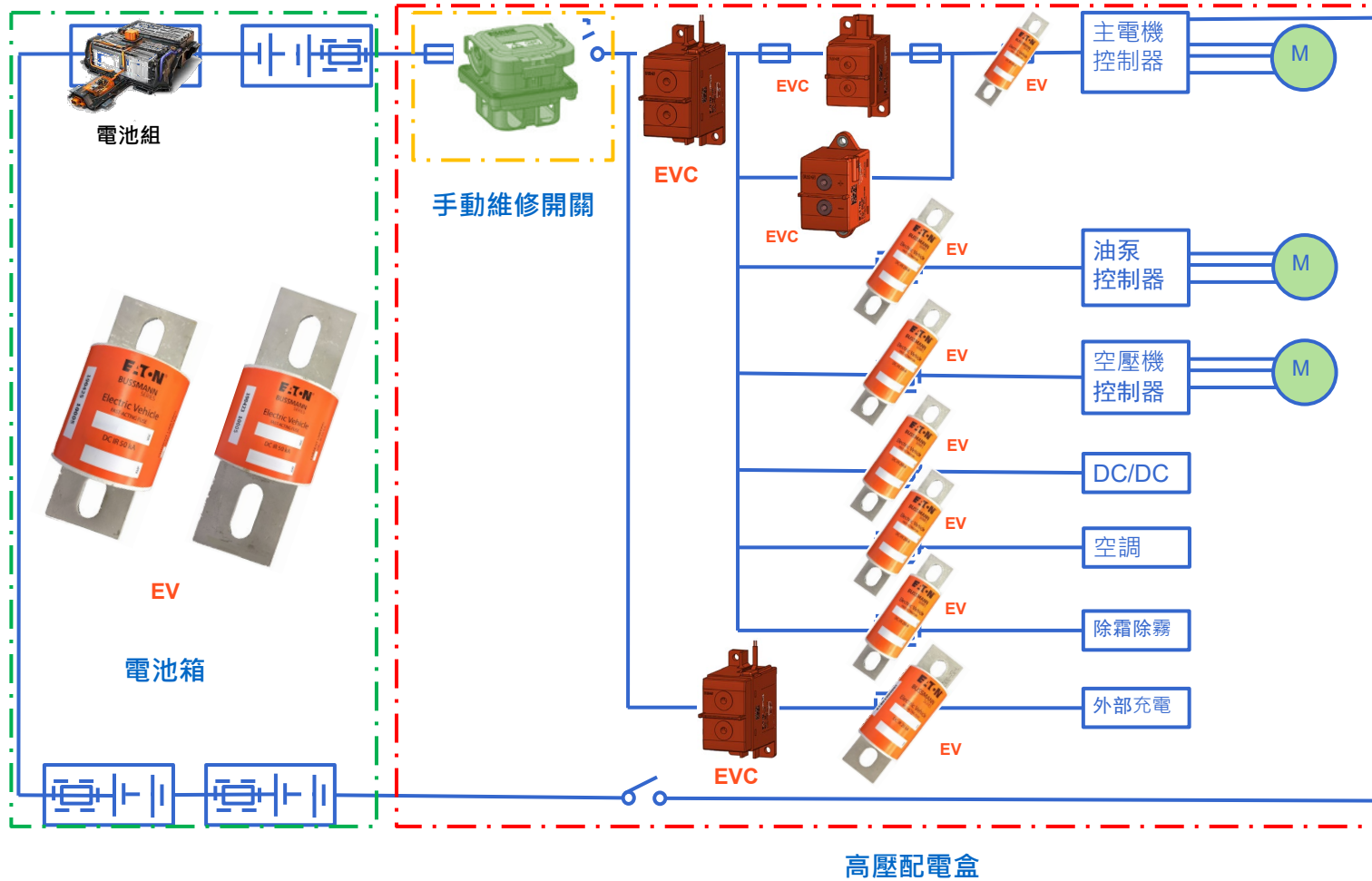
Bussmann Asia
Product Overview 2022

Bussmann series

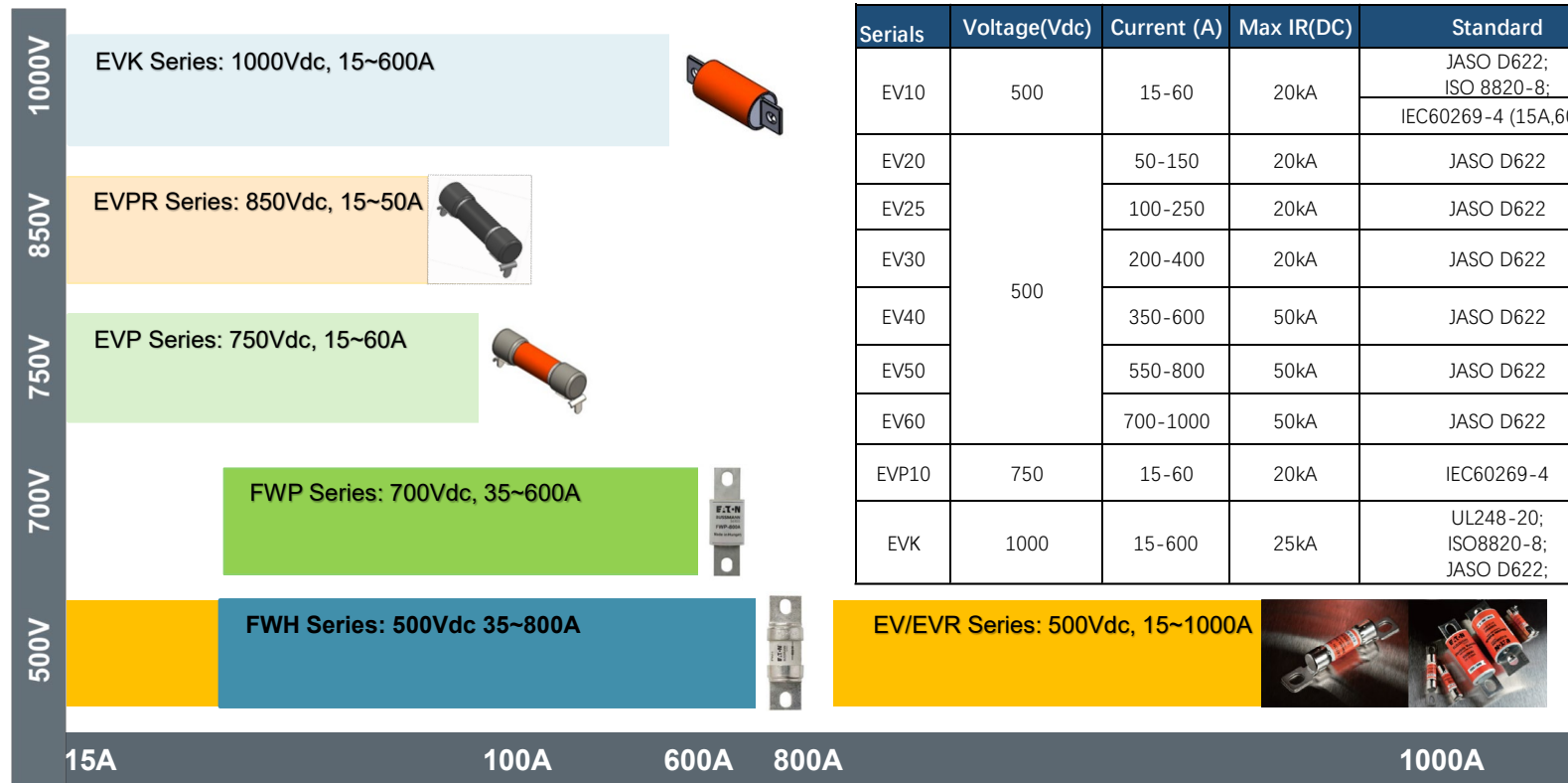
Bussmann Product Portfolio

Product Line		Launched before 2021		2021-2022		2023+
EV	EV series: - 500Vdc / 30~1000A  Other EV fuses: - FWP/FWH - Square body - Customization 	EVH series - 70Vdc / 60~500A - 48Vdc battery system - ESS system  EVP series: - 750Vdc / 15~60A 	EVK series: - 1kV / 15~600A - Commercial EV  EVC contactor: - 450/750/1000Vdc - For EV, ESS, AGV charging station 	HV EVH (2022 Q3): - 150 / 250Vdc - 150~600A - Light EV and ESS  Pyro switch(std. 2022Q3): - Std. 650Vdc / 1000Vdc, 400A - Multi-triggering - Customizable  EVR series: (std. 2022Q4): - Std. 500Vdc, 400A - Ruggedized on vibration/shock - Lower cost 	Higher specification: - Voltage & current up - Ruggedized on vibration, shock current...	
Non-EV Segment	HSF for Traction: - 750~2400Vdc - Up to 1600A - Fuse & box  For wind: - Square 690~2000Vac, 10~7500A - MV 40.5kV up to 95A - NH 690Vac 2~800A - Ferrule 690Vac 700Vdc 1~100A - Square low I2t 690V~1250Vac, 250~1250A	PV15M(solar, ESS): - gPV - 1500Vdc, 63~400A - UL & TUV  value line/adjacent: - RT26S “Element only” - NH size#00, 3, 4 - LV Cylindrical fuse - Local SPD - disconnect switch 	PV15M high amp: - 450~630Adc - UL & TUV CBMG-XXX (Solar, ESS) - 1500Vdc - 1250~3000A - UL new standard 	ESP series: (std. 2022Q4): - Std. 250Vdc, 250 ~ 1000A - IR: 50kA  1000Vac gG fuse(2022 Q3): - 250~630A - ac side of PV inverter  ESS series 1500Vdc (2021 Q3): - ESS2: 100~450A,aR - ESS3: 100~630A, UL, TUV - ESS5: 630~1800A, UL, TUV	Intelligent: - Digitalize - IOT - Diagnostic Size and cost optimizing Customization	

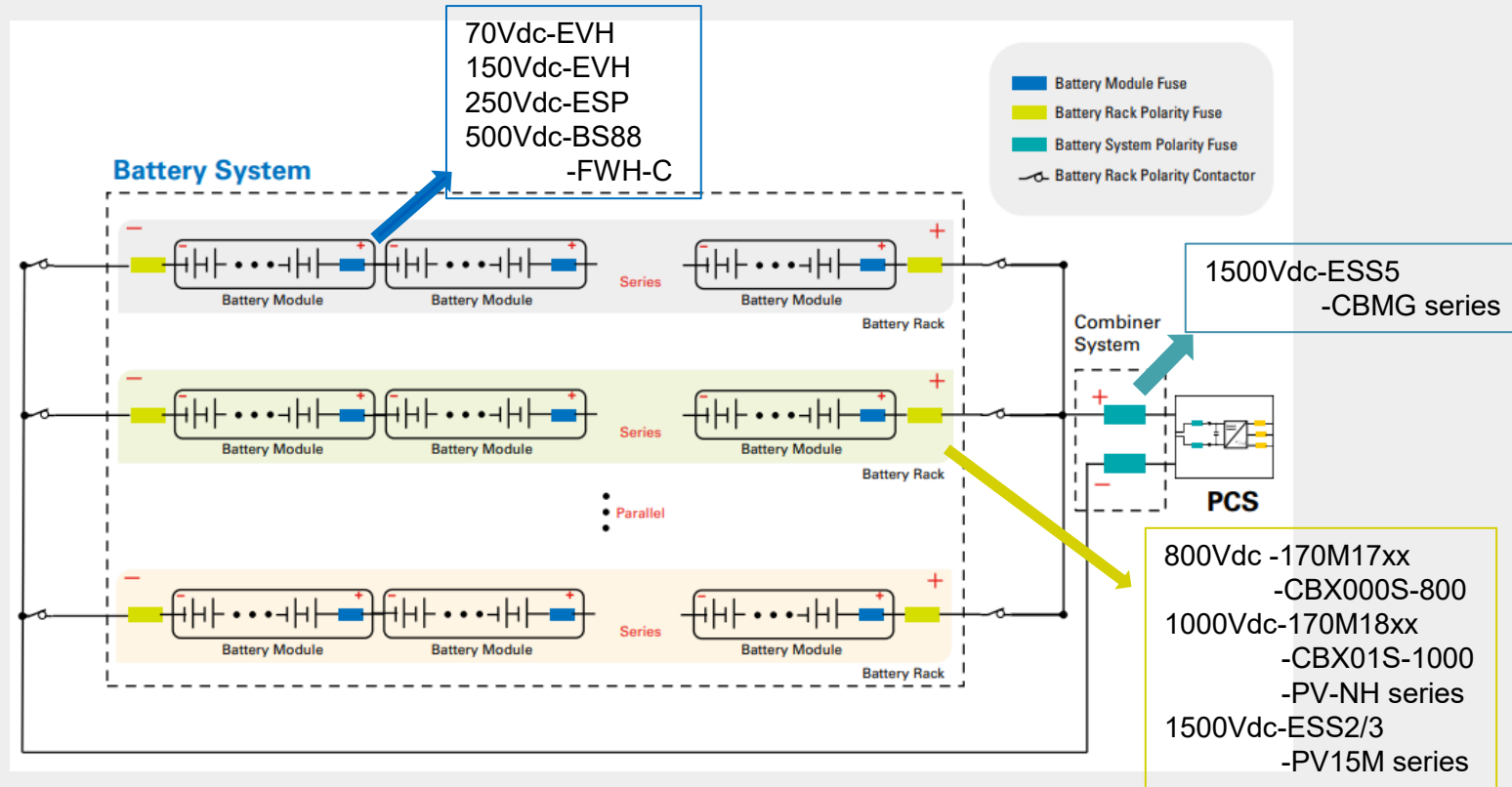
EV fuse application



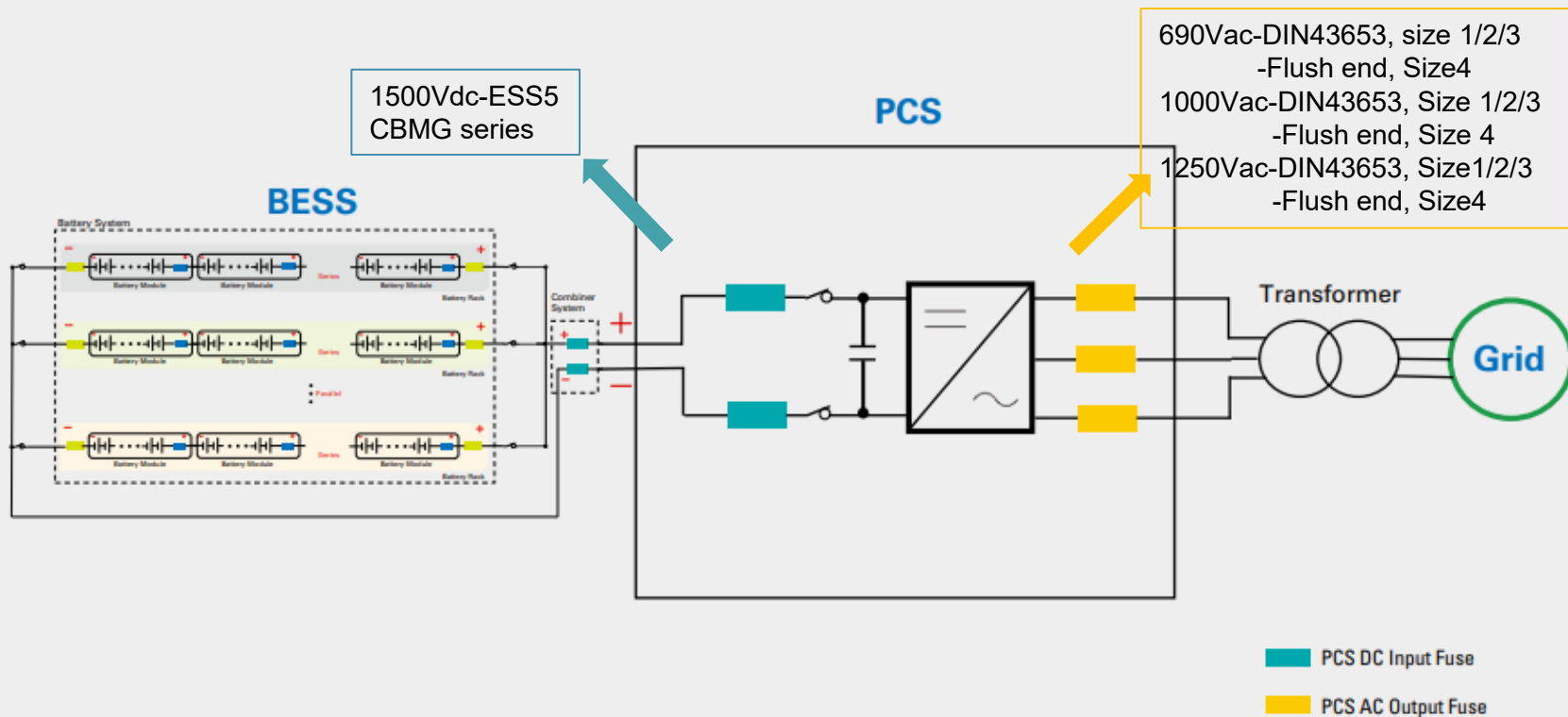
Bussmann EV Products Overview



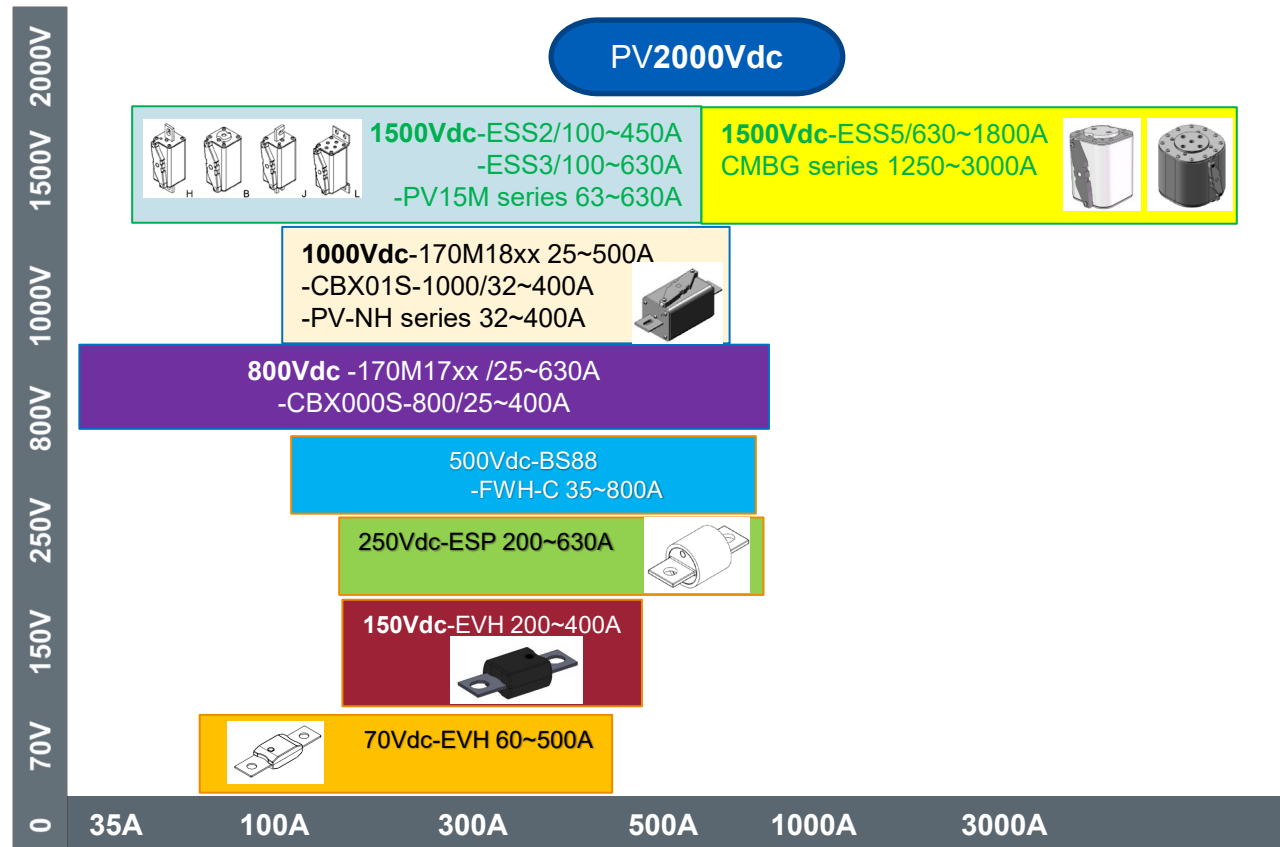
ESS Fuse Application



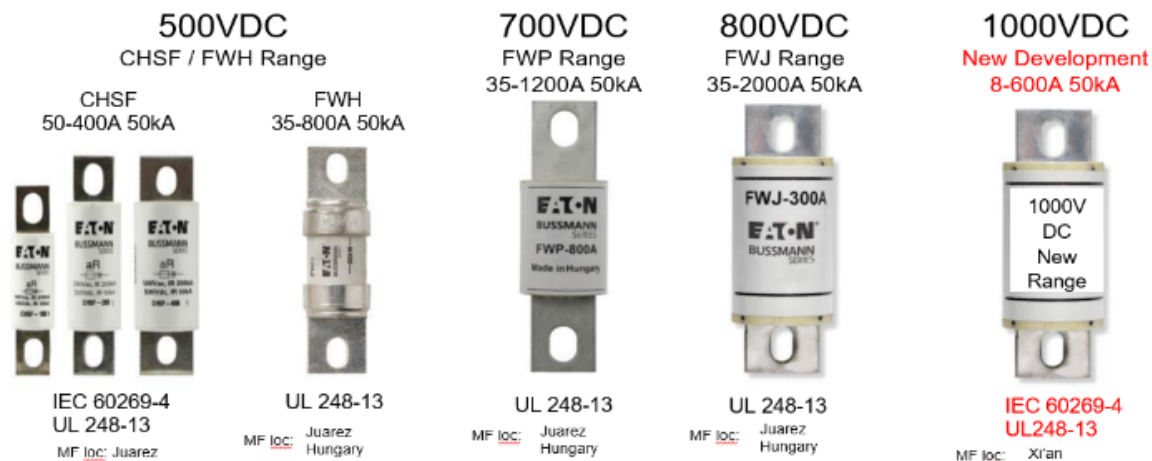
ESS Fuse Application



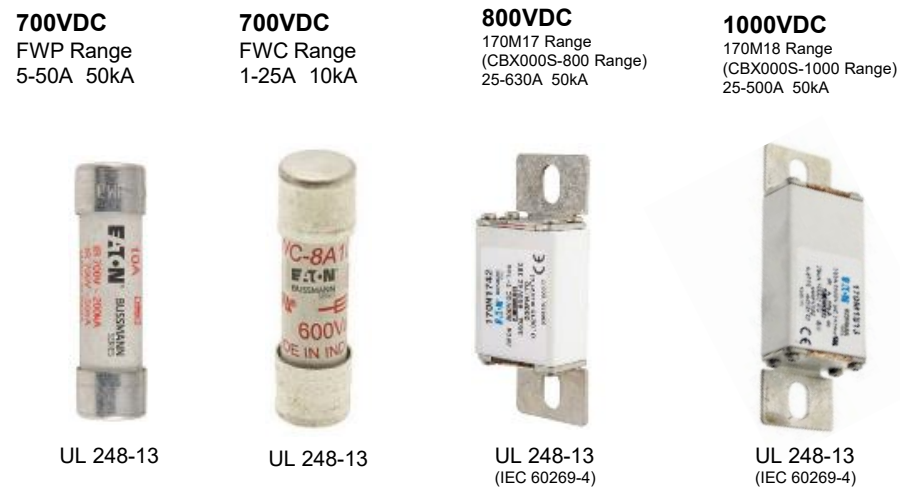
Bussmann ESS Products Overview



EVCI – Bussmann Product Series



Rising output voltage of application – DC Fast chargers



Bussmann – DC Contactor Series



EV &
Charging station



ESS



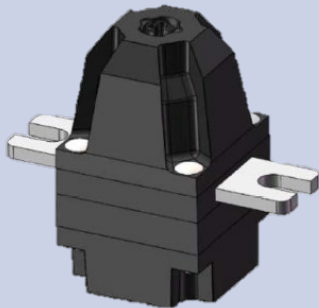
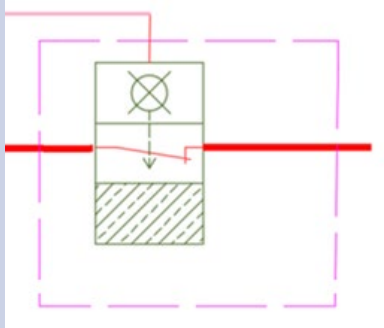
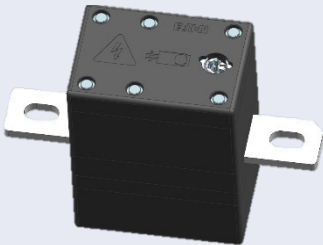
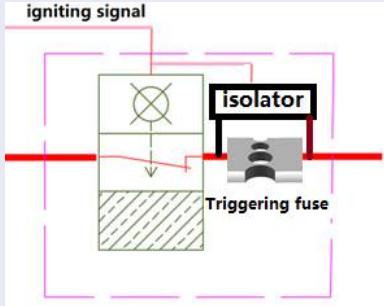
AGV



Automation

		20A~60A	80A~150A	200A~300A	350A~400A
Square body series (Non-Polarization)	750Vdc	EVC-A*-20S EVC-A*-40S EVC-A*-60S	EVC-A*-80S EVC-A*-100S EVC-A*-150S EVC-A*-200SS	EVC-A*-250S	EVC-A*-300S EVC-A*-400S
				EVC-A*-250 EVC-A*-300	EVC-A*-400 (coming soon)
5th G Square body series (Non-Polarization)	750Vdc				
Cylindrical body series (Polarization) PWM coil	≥1000Vdc		EVC-H*-150S 1000V	EVC-H*-200S 1000V EVC-H*-250S 1000V EVC-H*-350S	EVC-H*-400S 1800V EVC-H*-600S 1800V
Square body series (Non-Polarization)	1500Vdc		EVC-A*-150H		EVC-A*-350H

Bussmann Pyro Switch

	Configuration type	Key specification & advantages	Target application
		✓ 650Vdc ✓ 400A ✓ External triggering only ✓ 15kA@15uH	✓ EV ✓ Main circuit voltage < 650V ✓ Triggered by BMS/ECU only ✓ Backup fuse in main circuit
		✓ 1000Vdc ✓ 400A ✓ External+Active triggering ✓ Internal triggering fuse ✓ 15kA@15uH ✓ Quick-charging support ✓ Fast cut-off fault current	✓ EV ✓ Main circuit voltage > 650V ✓ Triggered by BMS/ECU or self-triggering ✓ No need of backup fuse

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