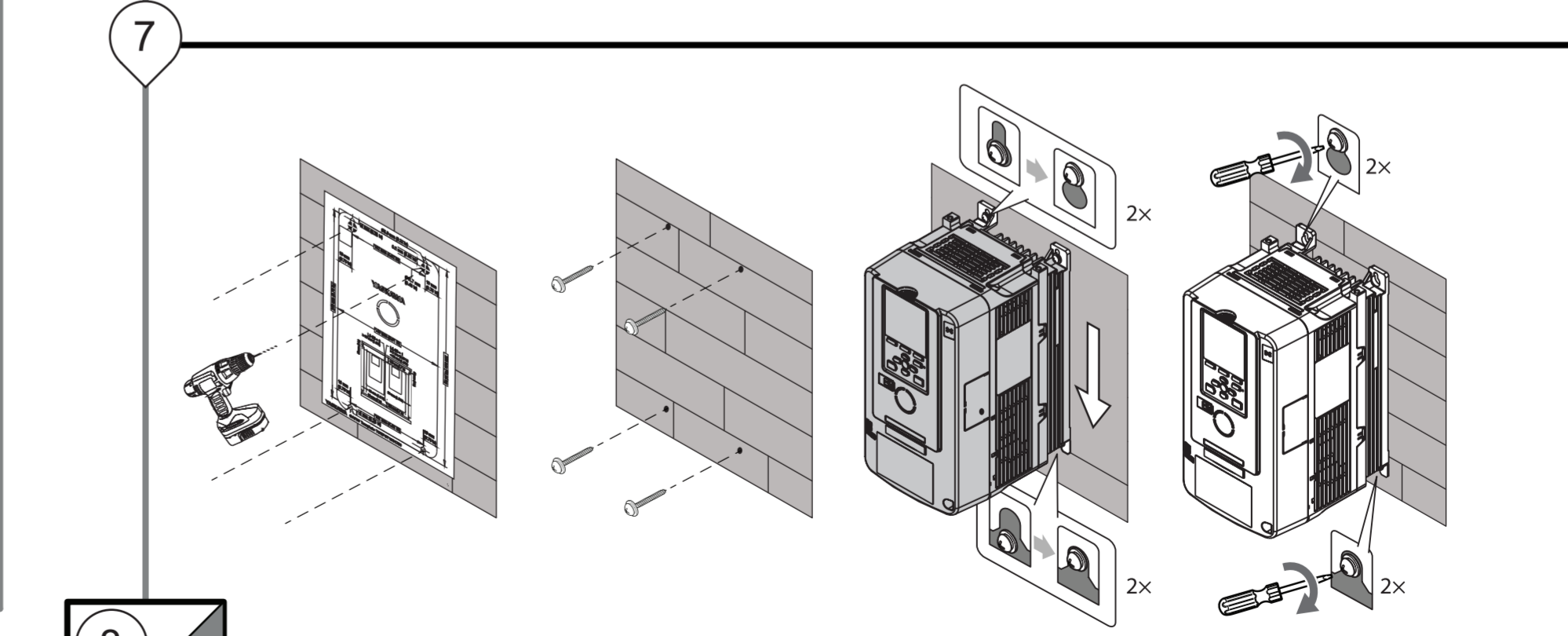
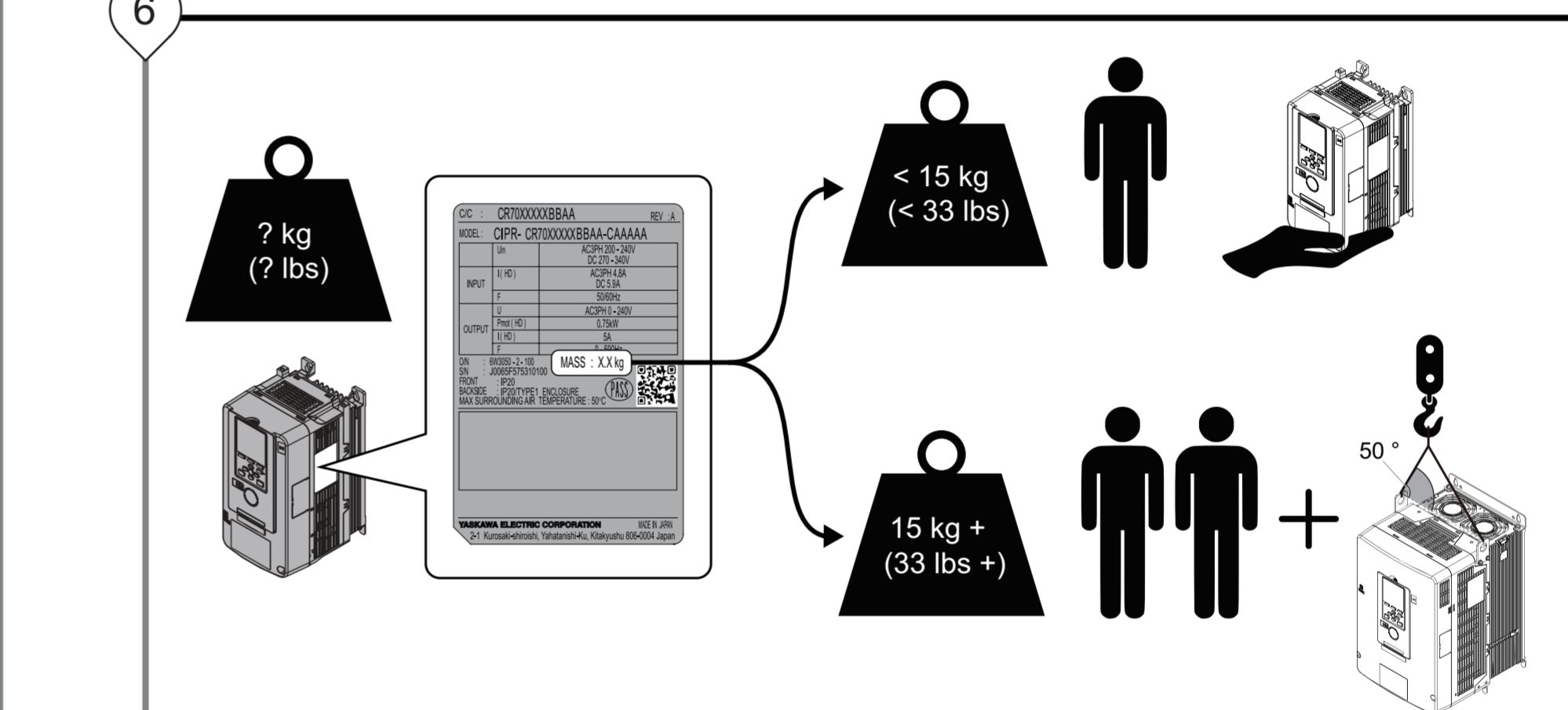
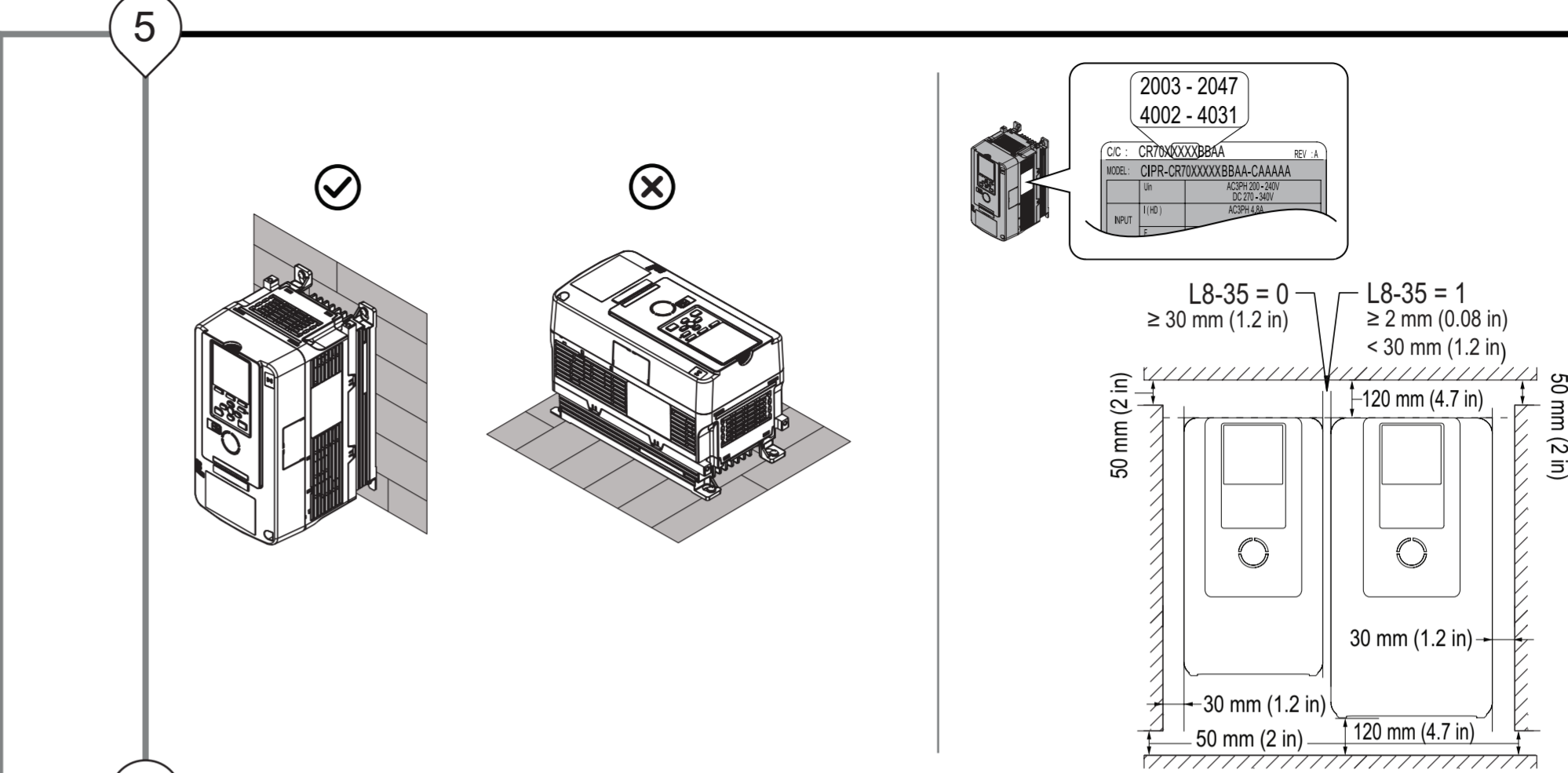
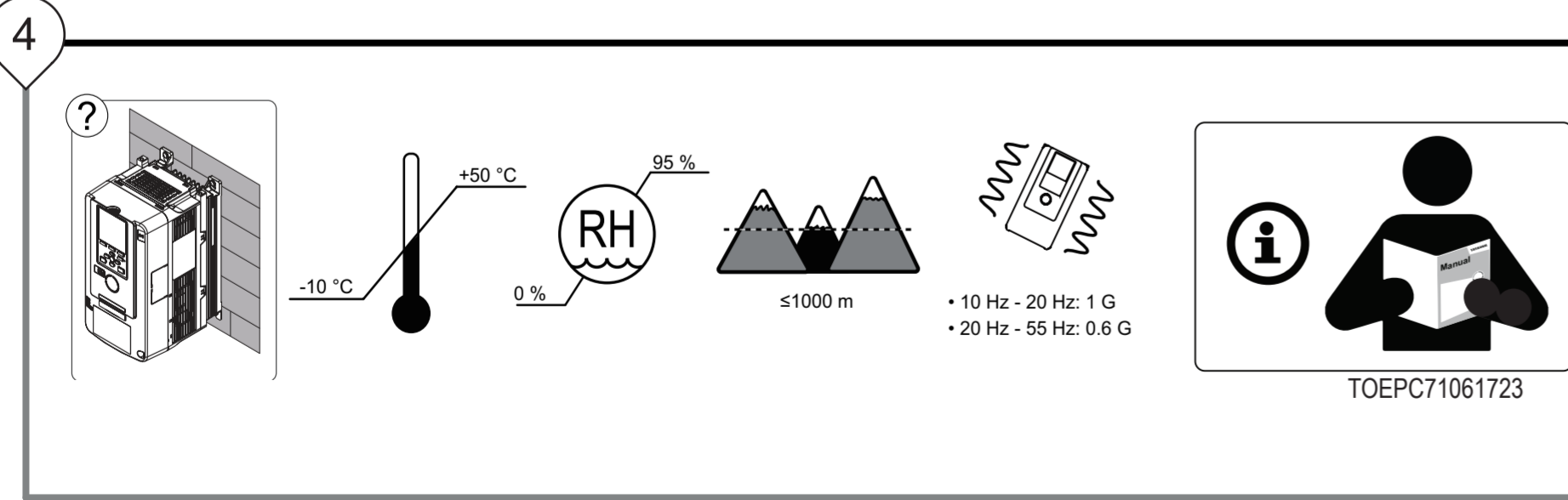
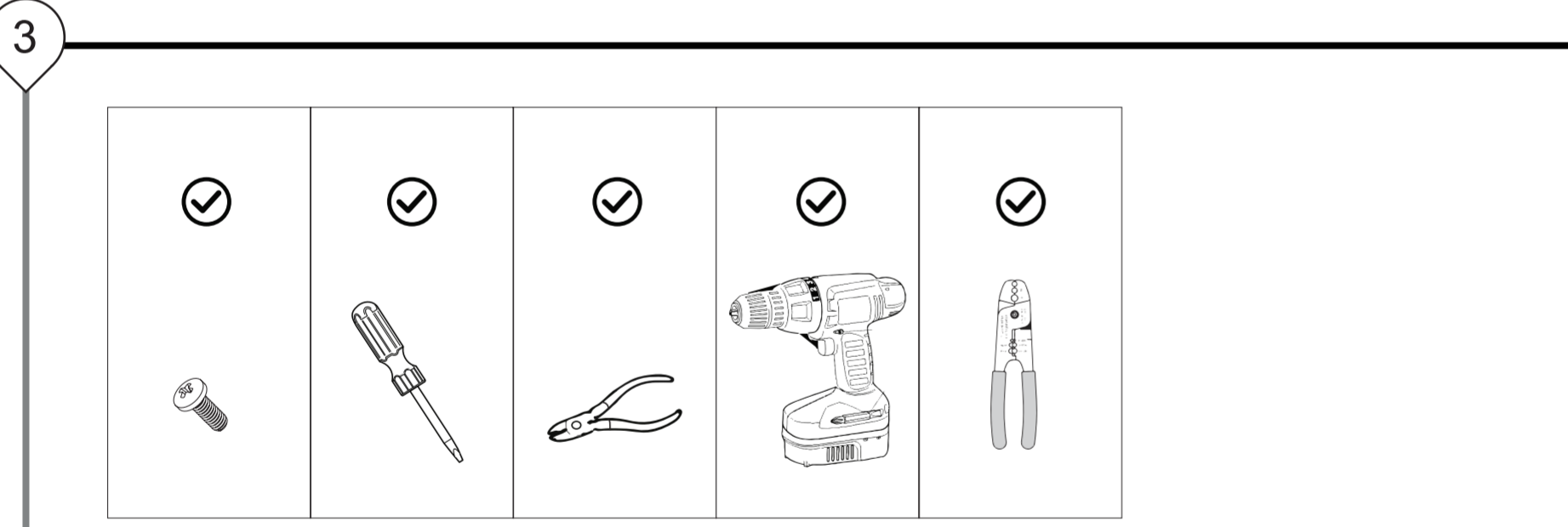
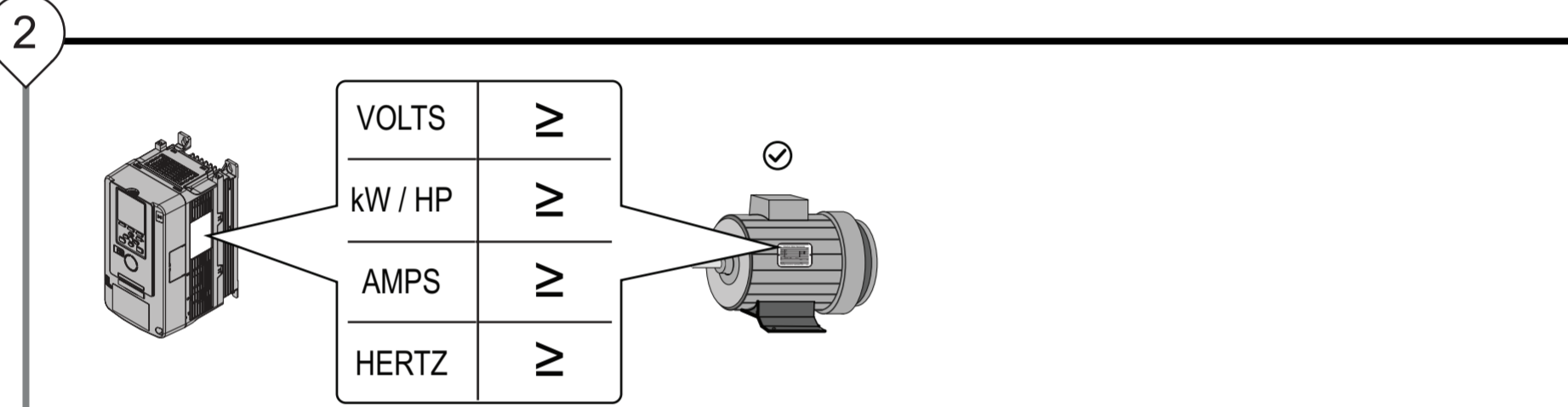
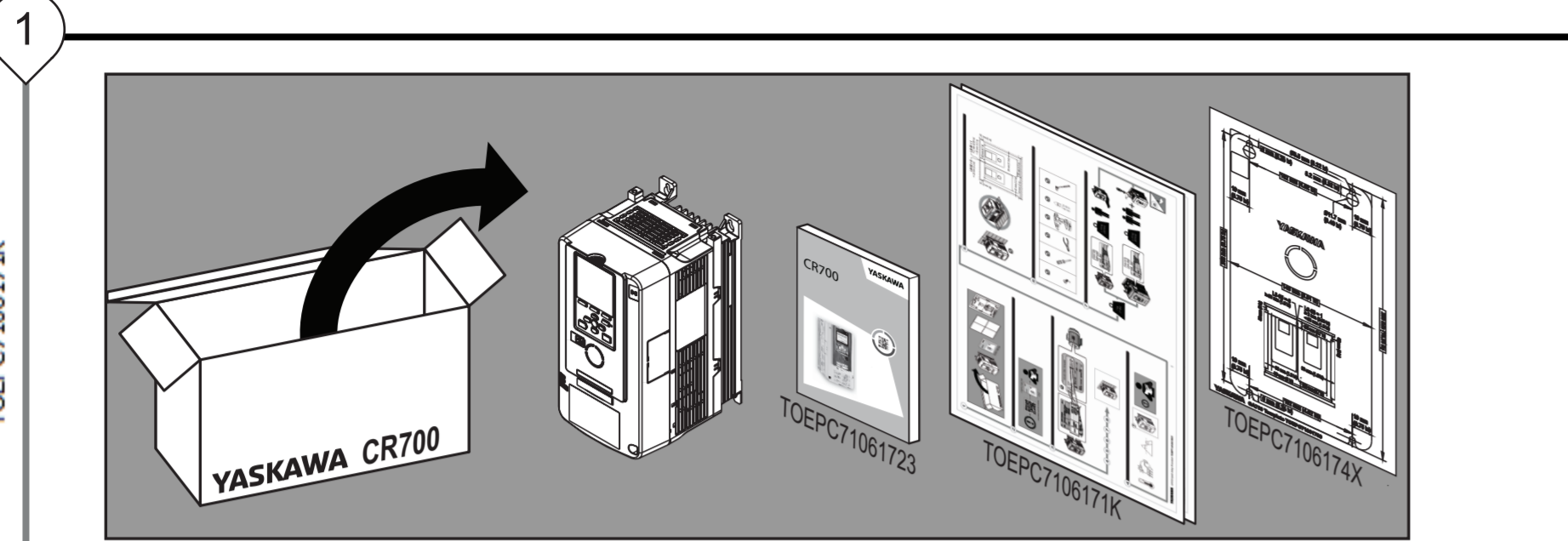
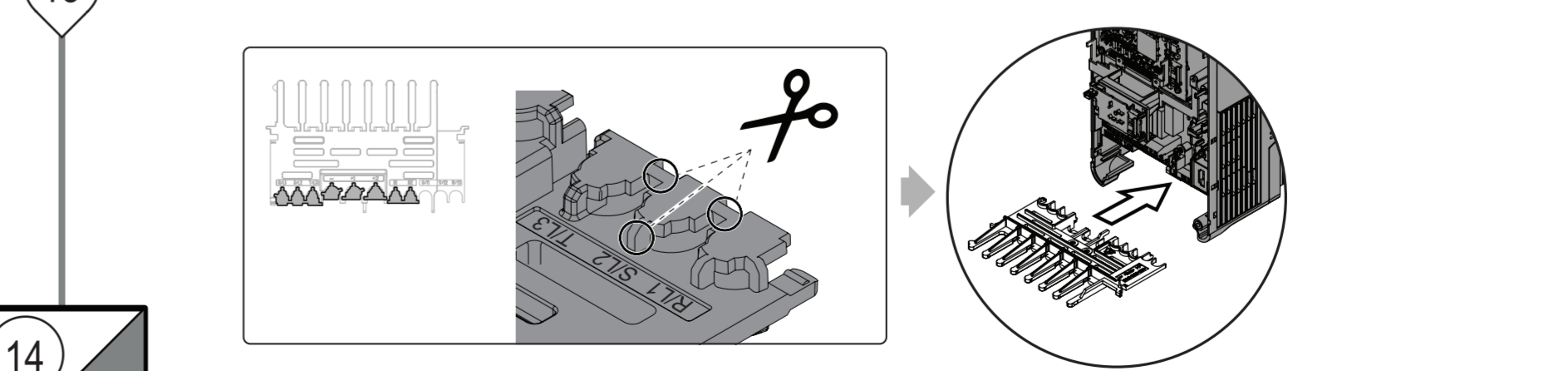
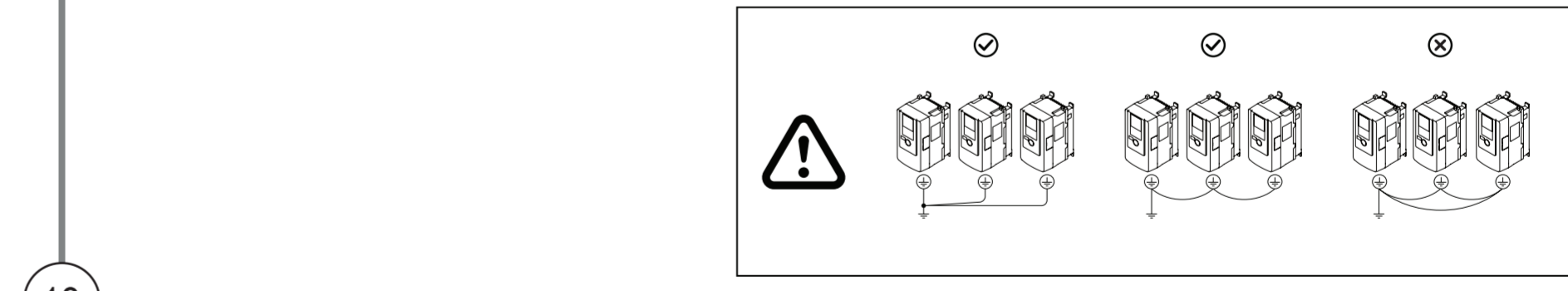
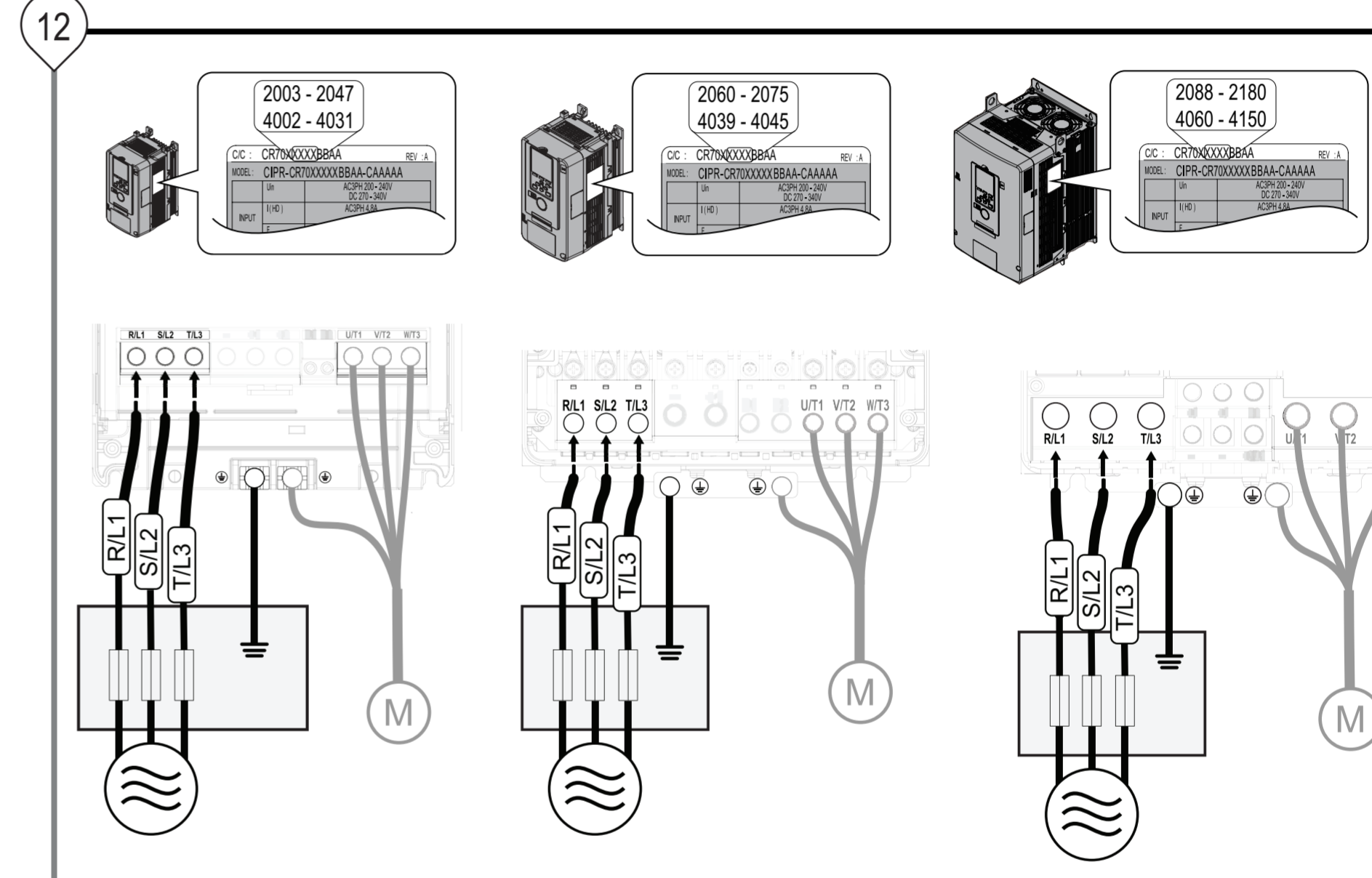
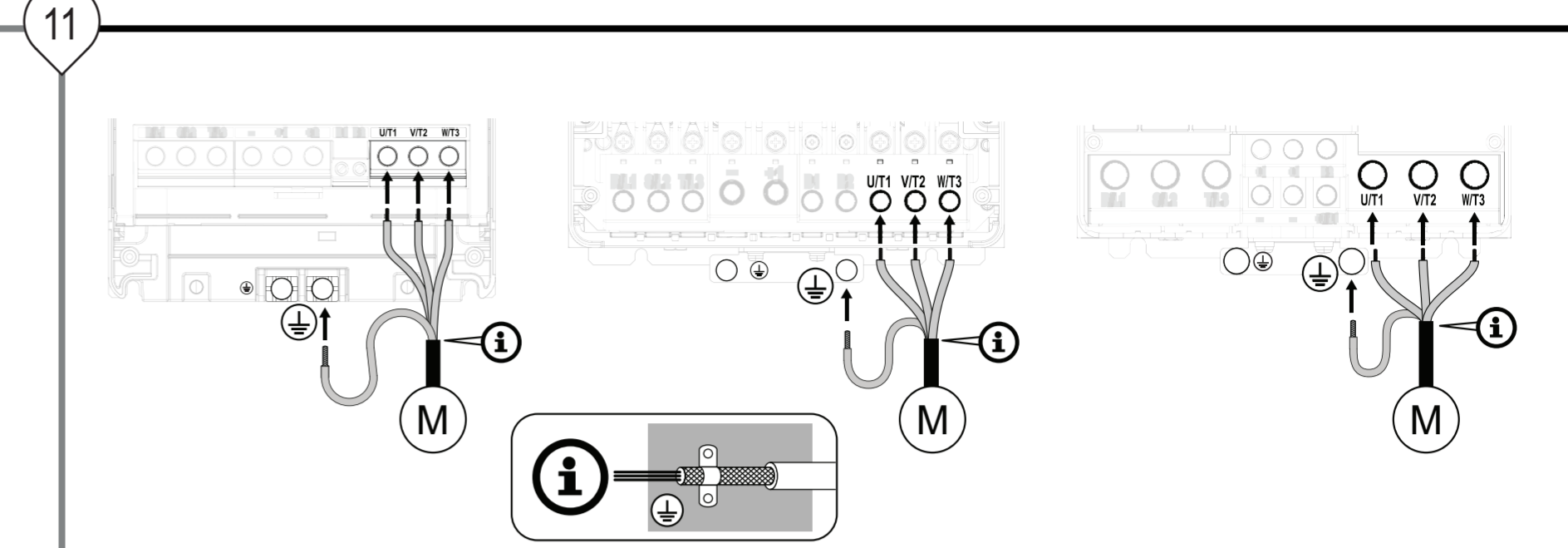
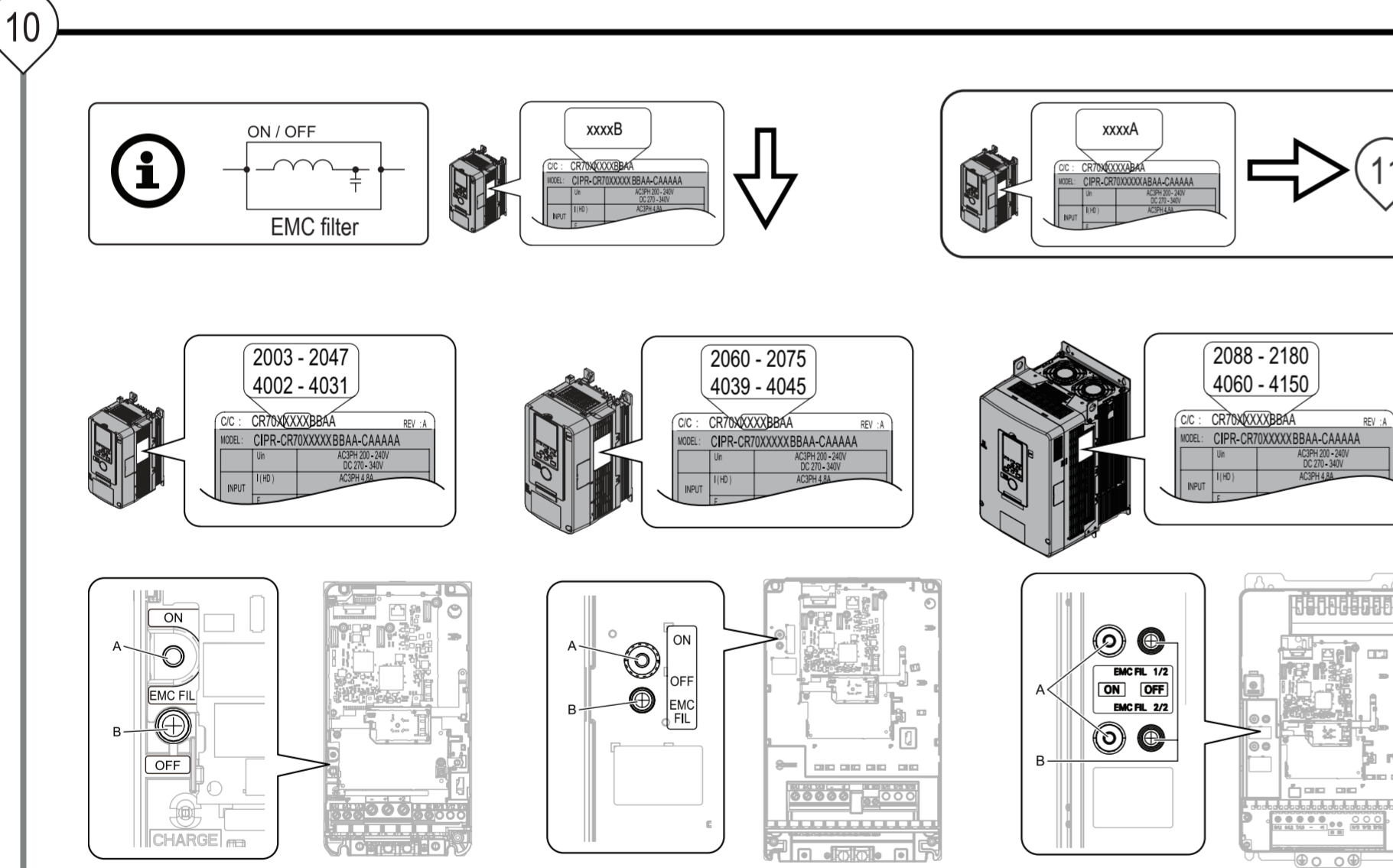
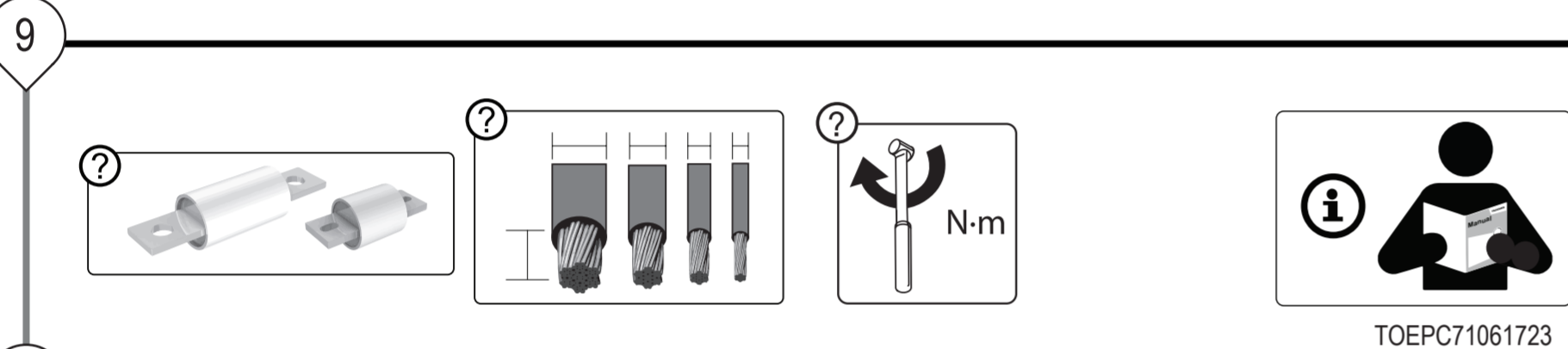
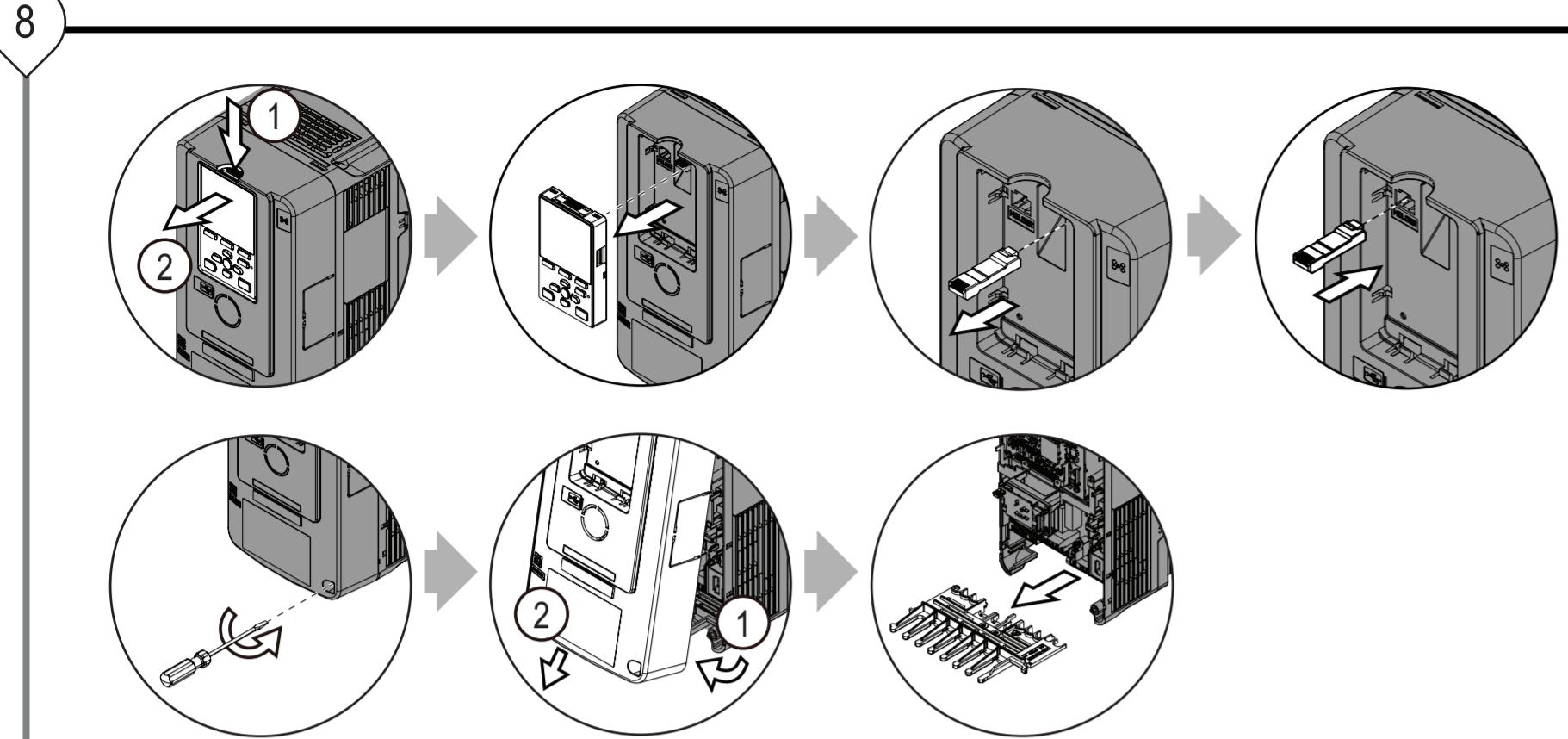
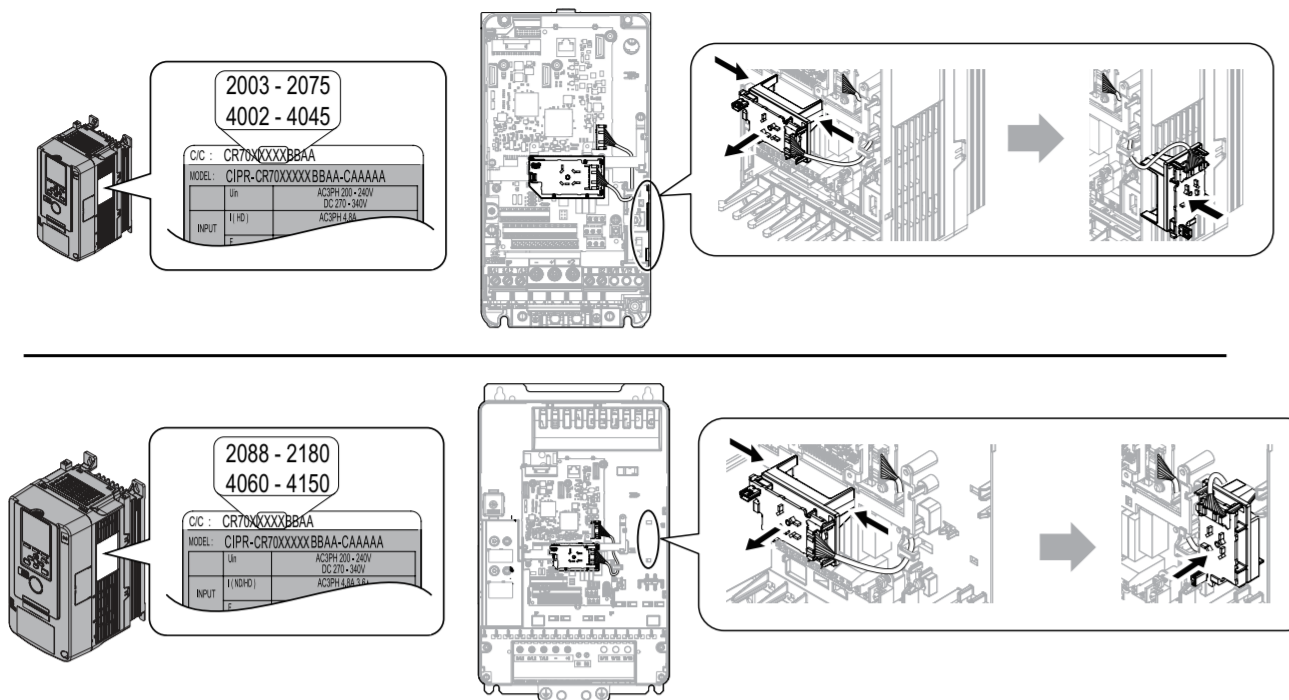


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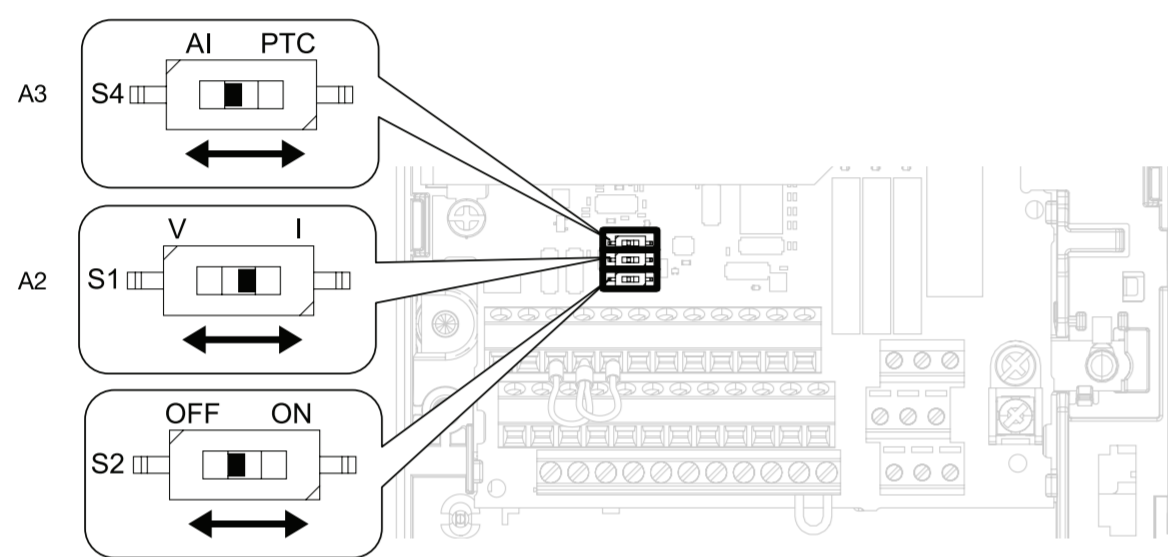




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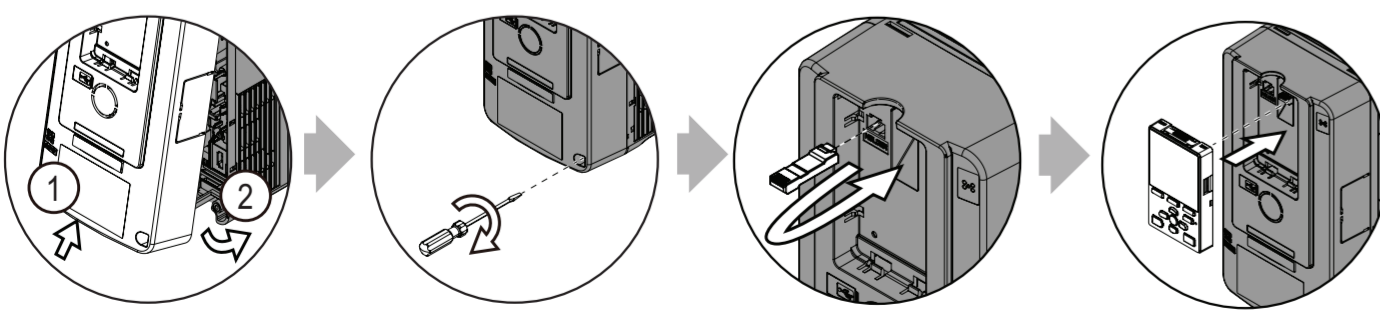
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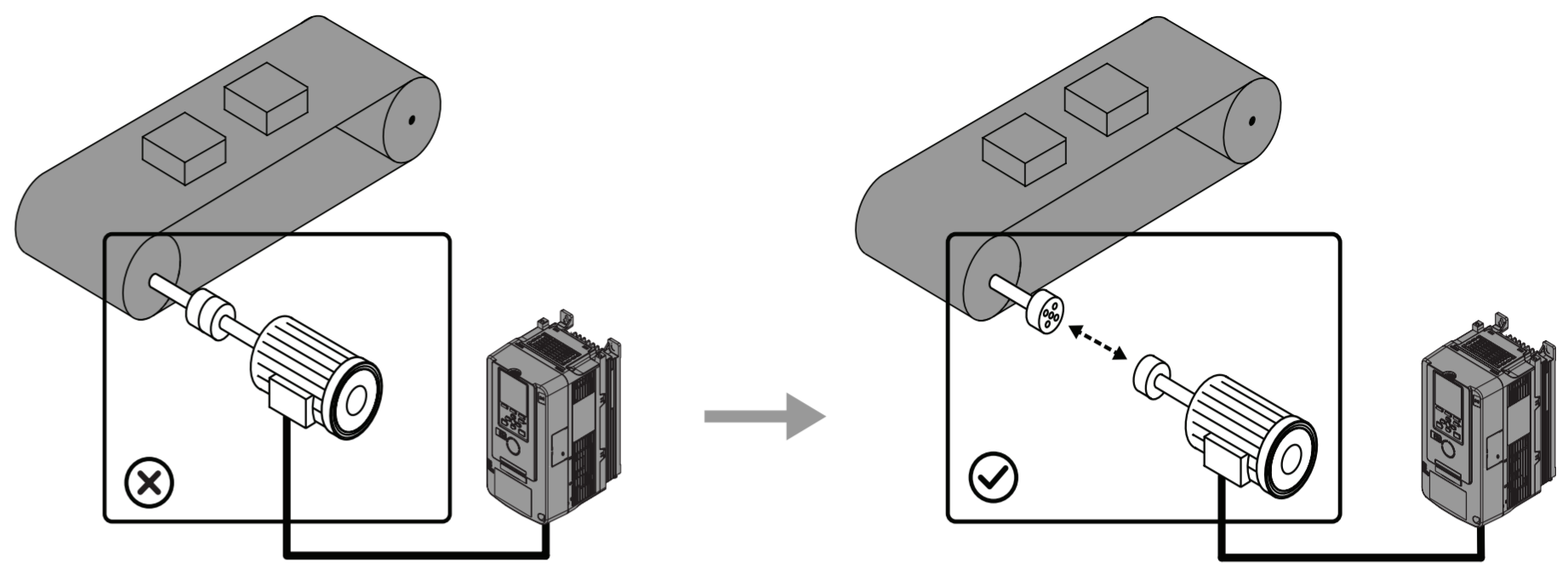
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Ød1	0.8 mm	0.8 mm	1.1 mm
Ød2	2.0 mm	2.0 mm	2.5 mm
s3	0.25 mm <sup>2</sup>	0.34 mm <sup>2</sup>	0.5 mm <sup>2</sup>
L	12.5 mm	12.5 mm	14 mm

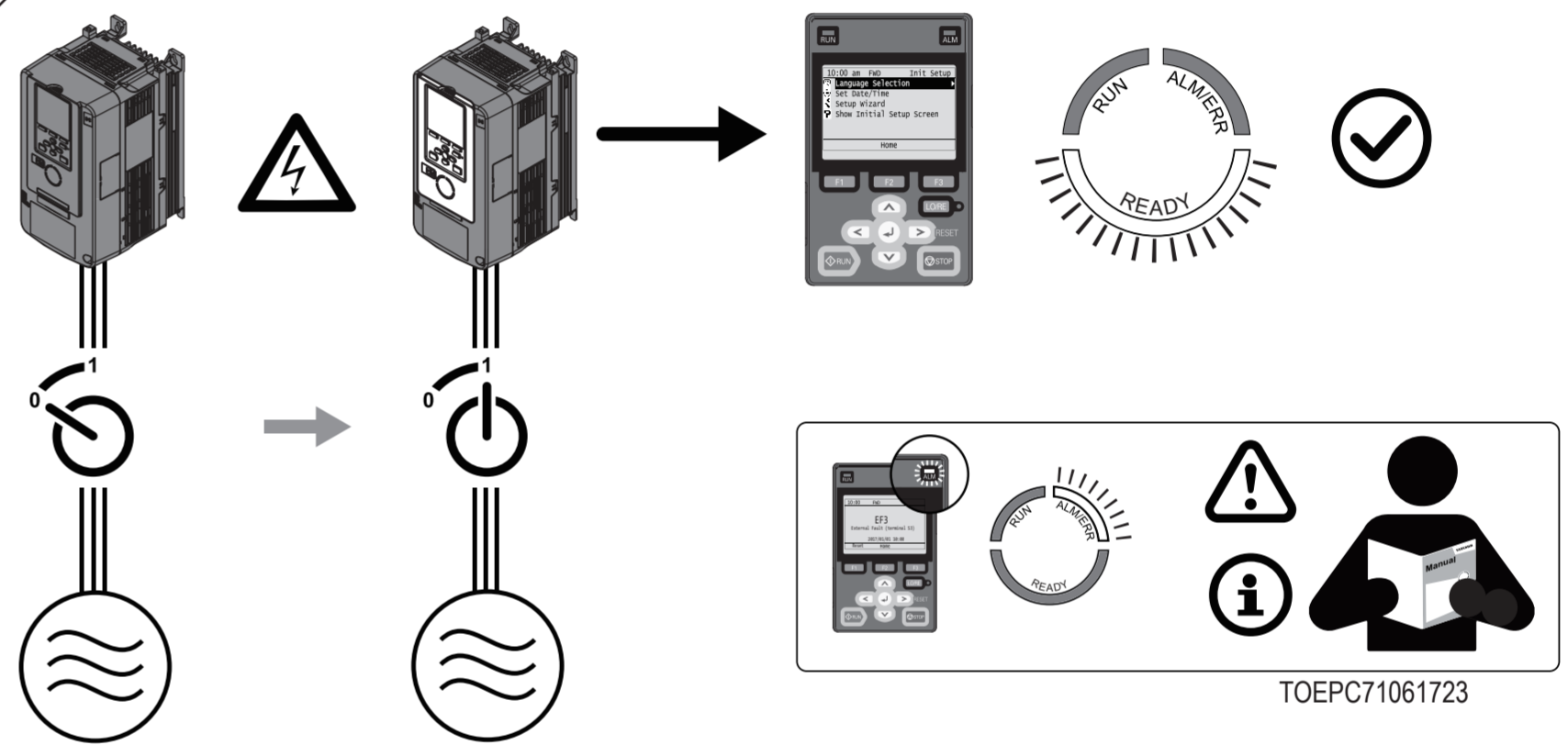
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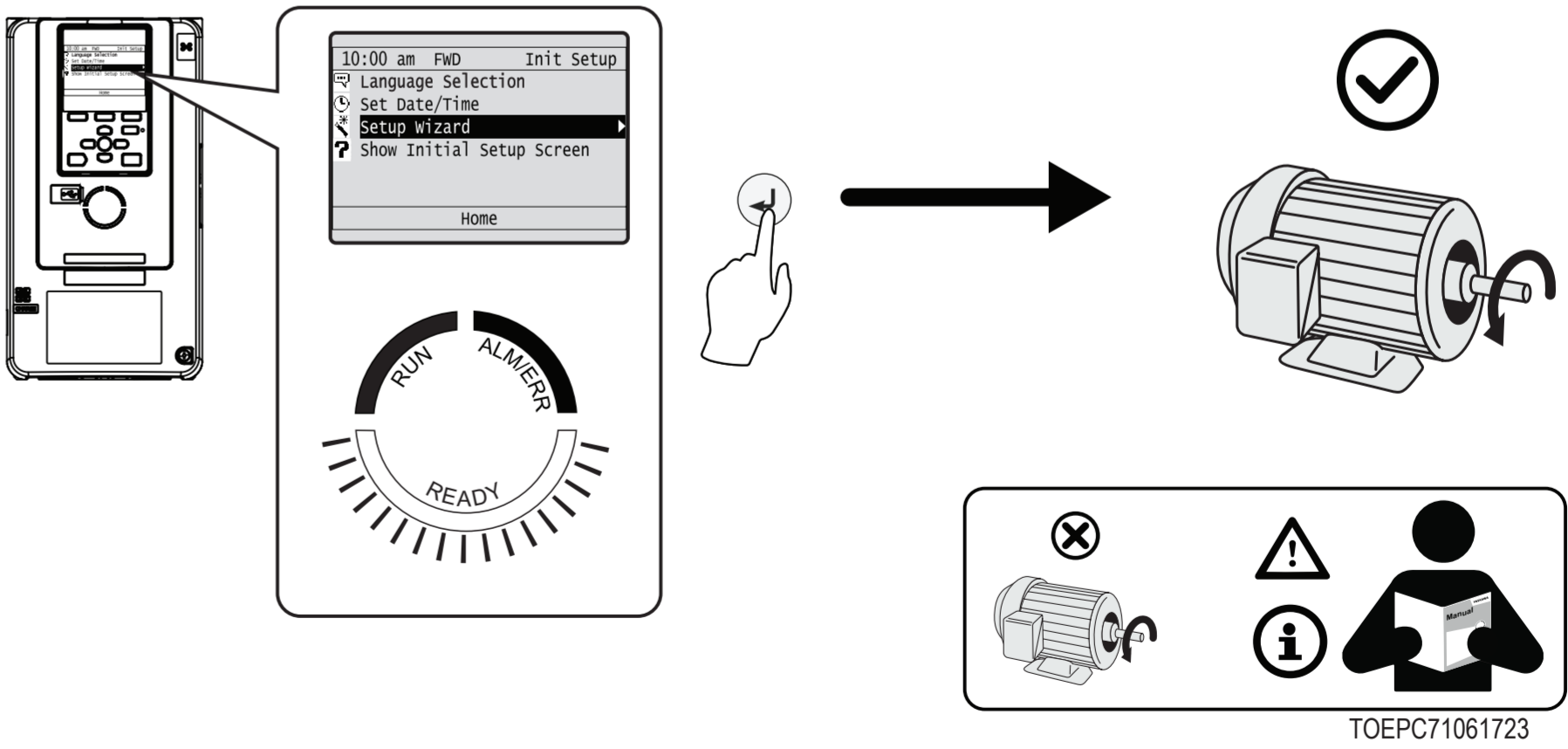
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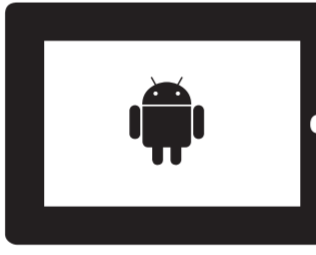
A



A: Initialization Parameters		E: Motor Parameters		L: Protection Functions		S: Crane Parameters	
A1	Initialization	E1	V/f Pattern for Motor 1	L1	Motor Protection	S1	Brake Sequence
A2	User Parameters	E2	Motor 1 Parameters	L2	Power Loss Ride Through	S2	Run Cmd Tuning
<b>b: Application</b>		E3	V/f Pattern for Motor 2	L3	Stall Prevention	S3	Impact Stop
b1	Operation Mode Selection	E4	Motor 2 Parameters	L4	Speed Detection	S4	Light-load Acceleration
b2	DC Injection Braking	E7	Motor 3 Parameters	L7	Torque Limit	S5	Overload Detection
b4	Timer Function	<b>F: Options</b>		L8	Hardware Protection	S6	Overtorque Detection
b7	Droop Control	F1	PG Option Setup (Encoder)	L9	Drive Protection 2	<b>T: Motor Tuning</b>	
b9	Zero Servo	F2	Analog Input Option	<b>n: Special Adjustment</b>		T0	Tuning Mode Selection
<b>C: Tuning</b>		F3	Digital Input Option	n1	Hunting Prevention	T1	Induction Motor Auto-Tuning
C1	Accel & Decel Time	F4	Analog Output Option	n2	Auto Freq Regulator (AFR)	T3	ASR and Inertia Tuning
C2	S-Curve Characteristics	F5	Digital Output Option	n3	Overexcitation Braking	<b>U: Monitors</b>	
C3	Slip Compensation	F6	Communication Options	n4	Adv Open Loop Vector Tune	U1	Operation Status Monitors
C4	Torque Compensation	F7	Ethernet Options	n5	Feed Forward Control	U2	Fault Trace
C5	Auto Speed Regulator (ASR)	<b>H: Terminal Functions</b>		n6	Online Tuning	U3	Fault History
C6	Duty & Carrier Frequency	H1	Digital Inputs	<b>o: Keypad-Related Settings</b>		U4	Maintenance Monitors
<b>d: Reference Settings</b>		H2	Digital Outputs	o1	Keypad Display	U6	Operation Status Monitors
d1	Frequency Reference	H3	Analog Inputs	o2	Keypad Operation		
d2	Reference Limits	H4	Analog Outputs	o3	Copy Keypad Function		
d3	Jump Frequency	H5	Modbus Communication	o4	Maintenance Monitors		
d4	Frequency Ref Up/Down & Hold	H7	Virtual Inputs/Outputs	o5	Log Function		
d6	Field Forcing						
d7	Offset Frequency						


B




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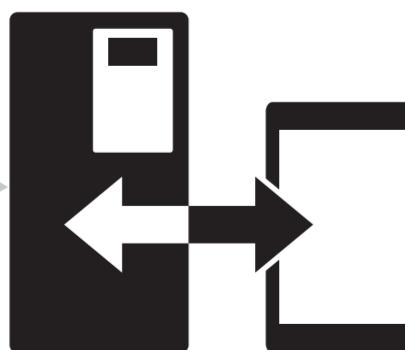




<https://www.yaskawa.eu.com/manuals/cr700>







DriveWizard Mobile



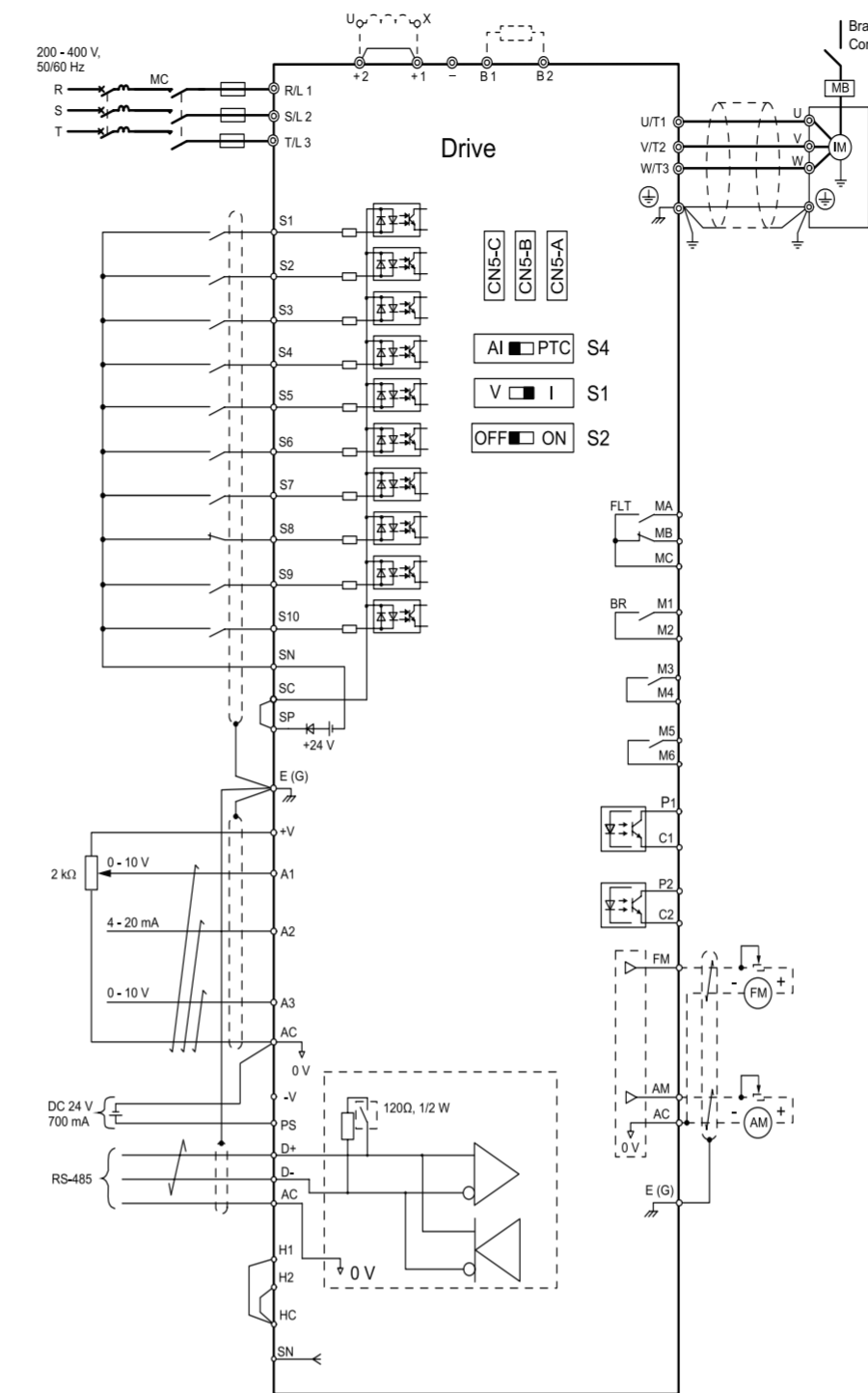







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C



Terminal	Type	Signal Level	Default
S1			Forward Run
S2			Reverse Run
S3			External Fault (N.O.)
S4			Fault Reset
S5			Brake Release Check
S6	MFDI Selection 1 to 10	Photocoupler 24 V, 6 mA	Multi-step Speed Reference 1
S7			Multi-step Speed Reference 2
S8			Baseblock Command (N.C.)
S9			Through Mode
S10			Through Mode
SN	MFDI Power Supply 0 V	24 V, 150 mA maximum (for external fuse)	-
SC	MFDI Selection Common	Notice: Do not short circuit terminals SP and SN. Failure to obey will cause damage to the drive.	-
SP	MFDI Power Supply +24 Vdc		-
H1	Safe Disable Input 1	24 V, 6 mA	-
H2	Safe Disable Input 2	Internal impedance: 4.7 kΩ Minimum OFF time: 2 ms	-
HC	Safe Disable Function Common	Note: Remove the jumper between terminals H1-HC and H2-HC when using the Safe Disable input.	-
+V	Power Supply for Frequency Setting	10.5 V (20 mA max.)	-
-V	Power Supply for Frequency Setting	-10.5 V (20 mA max.)	-
A1	MFAI1	-10 V to +10 V/-100% to 100% (input impedance: 20 kΩ), 0 V to +10 V/0% to 100% (input impedance: 20 kΩ)	Master Frequency Reference
A2	MFAI2	-10 V to +10 V/-100% to 100% (input impedance: 20 kΩ), 0 V to +10 V/0% to 100% (input impedance: 20 kΩ), 4 mA to 20 mA/0% to 100%, 0 mA to 20 mA/0% to 100% (input impedance: 250 Ω)	Combined to Terminal A1
A3	MFAI3/PTC Input	-10 V to +10 V/-100% to 100% (input impedance: 20 kΩ), 0 V to +10 V/100% (input impedance: 20 kΩ)	Auxiliary Frequency Reference
AC	Frequency Reference Common	0 V	-
E(G)	Connecting Shielded Cable	-	-
MA	Multi-Functional Digital Output	30 Vdc, 10 mA to 1 A 250 Vac, 10 mA to 1 A	Fault
MB	Digital Output Common	Minimum load: 5 V, 10 mA	Fault
MC	N.O. Output		-
M1	N.C. Output		Brake Release Command
M2	Digital Outputs	30 Vdc, 10 mA to 1 A 250 VAC, 10 mA to 1 A Minimum load: 5 V, 10 mA	During Run
M3	Digital Outputs		Speed Agree 1
M4	Digital Outputs		
M5	Multi-function Photocoupler Output	48 Vdc, 2 mA to 50 mA	Drive Ready (READY)
M6	Multi-function Photocoupler Output		Alarm
P1	Analog Monitor Output 1	0 V to +10 V	Output Frequency
P2	Analog Monitor Output 2	-10 V to +10 V 4 mA to 20 mA	Output Current
AC	Monitor Common	0 V	-
PS	External 24 V Power Supply Input	21.6 Vdc to 26.4 Vdc, 700 mA	-
AC	External 24 V Power Supply Ground	0 V	-
D+	Communication Input/Output (+)	MEMOBUS/Modbus, RS-485	-
D-	Communication Input/Output (-)	115.2 kbps max.	-
AC	Communication Shield Ground	0 V	-