

Catalogue Number Selection

Power Xpert C445 Global Motor Management Relay

Required System Components

Order these catalogue numbers for a complete C445 system.

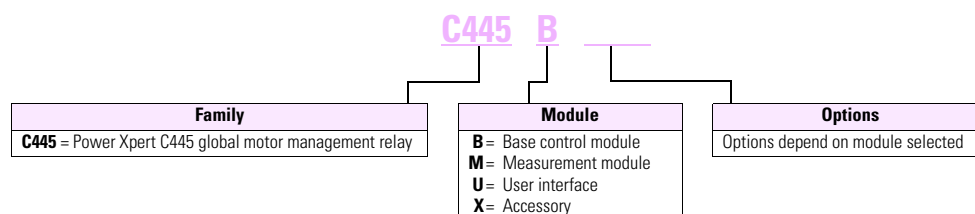
- 1 Base Control Module (C445B...)
- 1 Measurement Module (C445M...)
- 1–2 Connection cables (D77E...), required to provide power and communications from the Base Control Module to the Measurement Module and the User Interface (if used). These must be ordered separately in the length desired.
- 1 programming cable (C445XS-USB-MICRO or C445XS-USB-LEADS), required to configure the device using Power Xpert *inControl*. The same programming cable can be used for multiple systems.

Optional Accessories

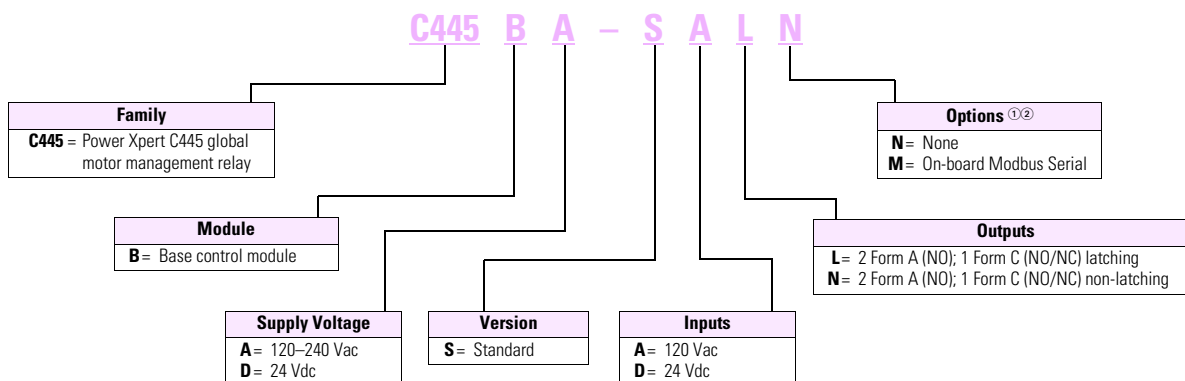
These system accessories are compatible with any C445 system but are not required.

- Communication Modules (C445XC...)
- Real-time Clock and Memory Backup Module (C445XO-RTC)
- User Interfaces (C445UC...)
- User Interface Digital Input Wiring Harnesses (C445XU...), required only if utilizing optional digital inputs on User Interfaces

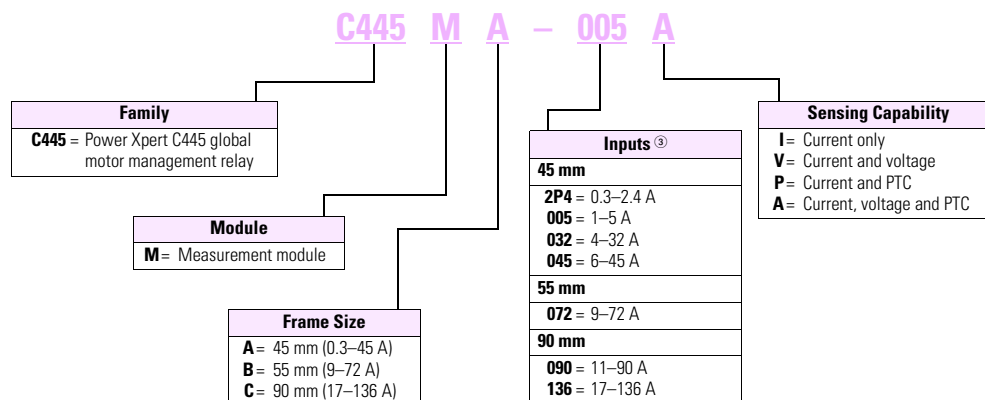
Relay



Base Control Module



Measurement Module



Notes

- ① For other communication protocol options, see Accessories chart on **Page V5-T5-120**.
 ② If a real-time clock and memory backup module are required, see Accessories chart on **Page V5-T5-120**.
 ③ For applications above 136 A, see Accessories chart on **Page V5-T5-125**.

C445M_

Measurement Module



Frame Size	Current Range (A)	Current (I) Sensing	Voltage (V) Sensing	PTC Sensing	Catalogue Number
45 mm	0.3–2.4	Yes	—	—	C445MA-2P4I
		Yes	—	Yes	C445MA-2P4P
		Yes	Yes	—	C445MA-2P4V
		Yes	Yes	Yes	C445MA-2P4A
	1–5	Yes	—	—	C445MA-005I
		Yes	—	Yes	C445MA-005P
		Yes	Yes	—	C445MA-005V
		Yes	Yes	Yes	C445MA-005A
	4–32	Yes	—	—	C445MA-032I
		Yes	—	Yes	C445MA-032P
		Yes	Yes	—	C445MA-032V
		Yes	Yes	Yes	C445MA-032A
	6–45 ^①	Yes	—	—	C445MA-045I
		Yes	—	Yes	C445MA-045P
		Yes	Yes	—	C445MA-045V
		Yes	Yes	Yes	C445MA-045A
55 mm	9–72	Yes	—	—	C445MB-072I
		Yes	—	Yes	C445MB-072P
		Yes	Yes	—	C445MB-072V
		Yes	Yes	Yes	C445MB-072A
90 mm	11–90	Yes	—	—	C445MC-090I
		Yes	—	Yes	C445MC-090P
		Yes	Yes	—	C445MC-090V
		Yes	Yes	Yes	C445MC-090A
	17–136	Yes	—	—	C445MC-136I
		Yes	—	Yes	C445MC-136P
		Yes	Yes	—	C445MC-136V
		Yes	Yes	Yes	C445MC-136A

Note

- ^① The 45 mm frame is capable of 6 AWG wire maximum with the exception of insulation types RHH, RHW and RHW-2. If these insulation types are being used, use the 55 mm frame.