

Circuit Protection

The CP30-BA and CP30-HU series provide a comprehensive range of high performance circuit protection, trip curve and internal accessories options for virtually every industrial application.



CP30-□□□□□□

Symbol	Internal Current
1	Inline Type
2	Inline Type with Aux. Switch General Load
21	Inline Type with Aux. Switch Microload (*2)
6	Relay Type Shunt Tripping (*3)
9	Inline Type with Alarm Switch General Load
91	Inline Type with Alarm Switch Microload (*2)

Symbol	Number of Poles
1	1 Pole
2	2 Poles
3	3 Poles (*1)

Symbol	Type
CP30-BA	Circuit Protector
CP30-HU	Circuit Protector

Symbol	Rated Current (A)
Standard	0.5, 1, 2, 3, 5, 7, 10, 15, 20, 30
Non-Standard	0.1, 0.25, 0.3

Symbol	Input/Output Voltage
2V	3/60/208 (230/240)VAC
4V	3/60/460 (480)VAC

Symbol	Operating Characteristics
1	Instantaneous type
M	Medium-speed type
MD	Medium-speed type with inertial delay (*1)
S	Low-speed type
SD	Low-speed type with inertial delay (*1)
F	High-speed type

Notes:

- 3-pole and inertial delay models are dedicated for AC.
- If an auxiliary switch (AX) or alarm switch (AL) used for a 125VAC 0.5A or less circuit is required, select the microload type.
- When a shunt type trip is required, please contact MEAU. The relay type shunt trip is subject to CCC. This is a UL (cURus) and CE Marking compliant product. As a standard, this product is a UL (cURus), CCC, CE Marking compliant product.

Example: CP30-BA 1P 1-M 3A (example of inline type, medium-speed, 1-pole part, 3A, screw terminal specifications)

UL 1077 Circuit Protectors

Frame Size (A)		30					
Model Number		CP30-BA			CP30-HU		
Stocked Item		S	S	S	-	-	-
Rated Current in Amps at Ambient Temperature 40°C (IEC 30°C)		0.1 0.25 0.3 0.5 1 2 3 5 7 10 15 20 30			0.1 0.25 0.3 0.5 1 2 3 5		
Number of Poles		1	2	3	1	2	3
Rated Voltage	AC (V)	250			250		
	DC (V)	65	125	-	65	125	-
UL1077 CSA C22.2 No. 235	AC	2.5kA at 250V			2.5kA at 250V		10kA at 250V
	DC	2.5kA at 65V	2.5kA at 125V	-	10kA at 65V	10kA at 125V	-
IEC 60934 EN 60934 GB 17701 Icn	Rated Insulation Voltage AC (V)	250			250		
	AC	2.5kA at 230V			2.5kA at 230V		10kA at 230V
	DC	2.5kA at 60V	2.5kA at 120V	-	10kA at 65V	10kA at 120V	-
JIS C 4610 Icn	Rated Insulation Voltage AC (V)	250			-		
	AC	2.5kA at 230V			-		
	DC	2.5kA at 60V	2.5kA at 120V	-	-		
IEC 60947-2 EN 60947-2 JIS C 8201-2-1 Ann.1 Icu/Ics	Rated Insulation Voltage AC (V)	250			250		
	AC	2.5/2.5kA at 230V			2.5/2.5kA at 230V		10/10kA at 230V
	DC	2.5/2.5kA at 60V	2.5/2.5kA at 120V	-	10/10kA at 60V	10/10kA at 120V	-
Rated Impulse Withstand Voltage		-			2.5		
Reverse Connection		-			Yes		
Overall Dimensions (mm)	Width	17.5	35	52.5	17.5	35	52.5
	Height	73			73		
	Depth	65			65		
	Depth Including Knob	40 (T40)			65		
Terminal Cover	1P	TCL-CP1					
	2P	TCL-CP2					
	3P	TCL-CP3					
Brackets	1P	FP1-CP					
	2P	FP2-CP					
	3P	BT-CPA					
Back Wiring Terminals		BT-CPA					
For Auxiliary		WB6-CP					
Terminal Block		TC-CPA-AL/AX					