INNOFLOW

Product overview

SOLAR ENERGY EQUIPMENT

DC Molded Case Circuit Breaker

IF-MCCB-PV



Product series reference. Match the model, capacity, voltage and mounting variant in the following tables and drawings to the selected configuration.

TECHNICAL OVERVIEW
Selected product data and drawings. This document is not an installation manual.

Product views



View 1



View 2



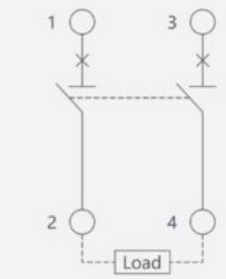
View 3



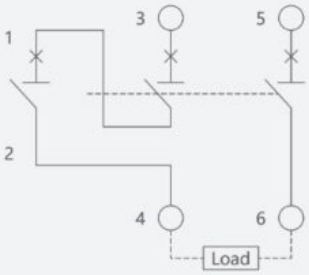
View 4

Technical reference

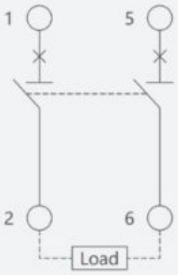
Wiring diagram



IF-MCCB-250PV, 320PV
2P DC1000V
IF-MCCB-400PV, 630PV, 800PV
2P DC1500V



IF-MCCB-250PV, 320PV
3P DC1500V



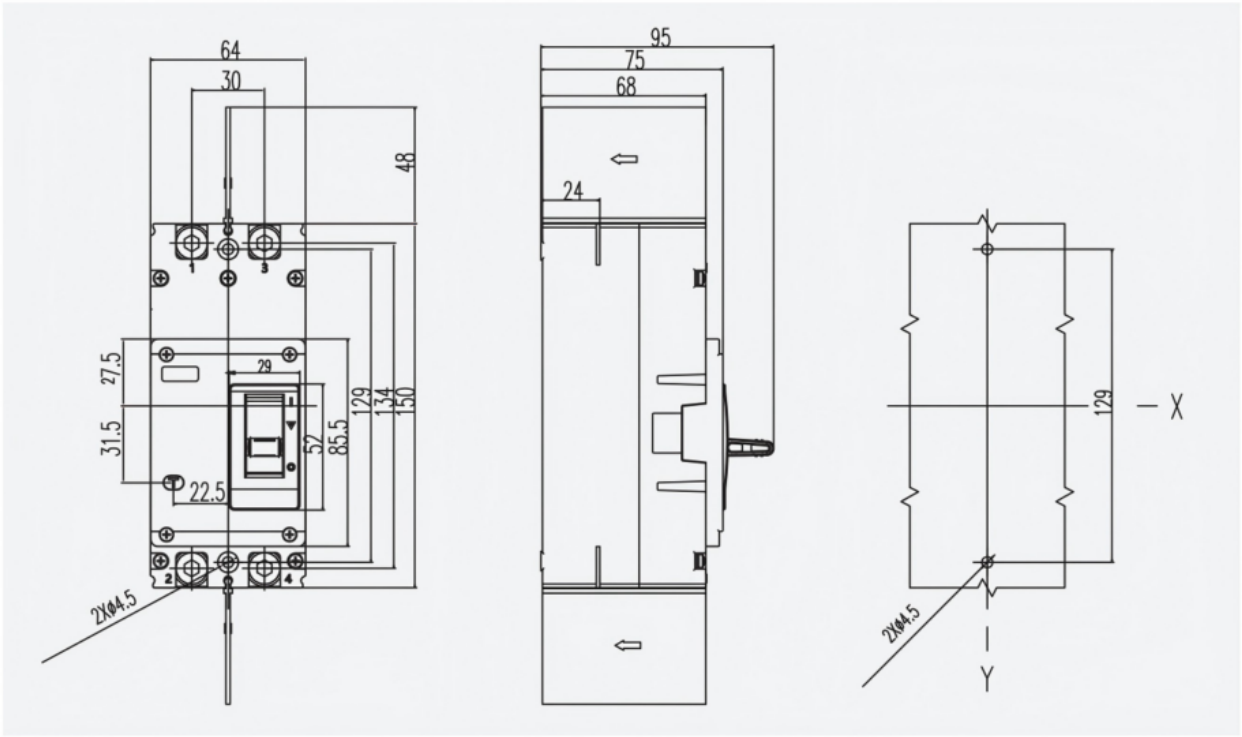
IF-MCCB-400PV, 630PV, 800PV 3P
(Make 3P into 2P to increase phase spacing)

Series reference. Apply the capacity, mounting type and units shown in this figure.

Technical reference

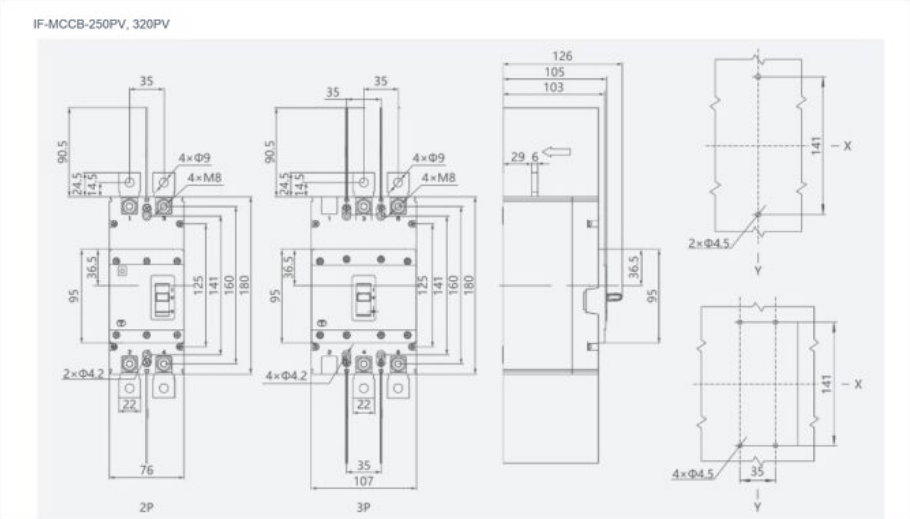
Overall and mounting dimensions(mm)

IF-MCCB-125PV



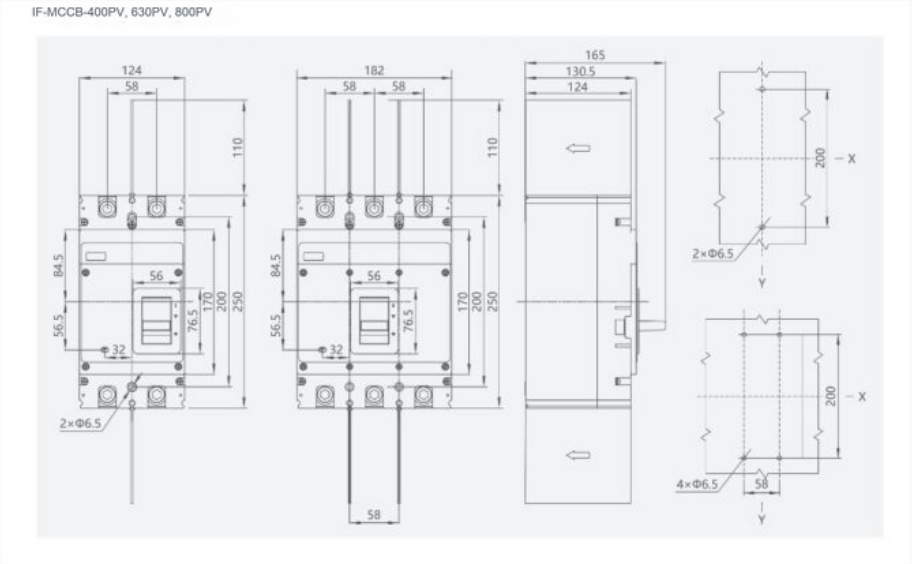
Series reference. Apply the capacity, mounting type and units shown in this figure.

Technical reference



Series reference. Apply the capacity, mounting type and units shown in this figure.

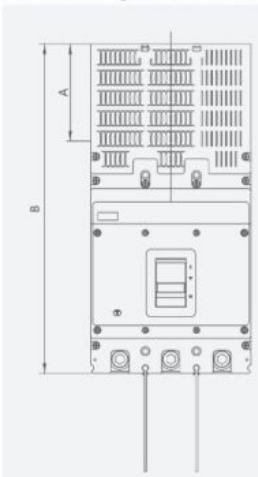
Technical reference



Series reference. Apply the capacity, mounting type and units shown in this figure.

Technical reference

Installation drawing of IF-MCCB-PV with arcing cover

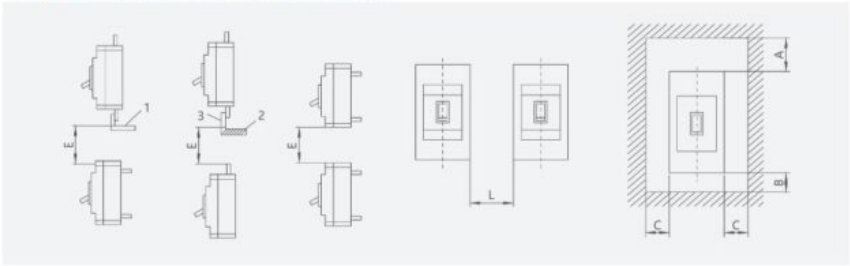


Circuit breaker	Arcing cover length A	Total length B
IF-MCCB-250/320PV	64	245
IF-MCCB-400/630/800PV	64	314

Series reference. Apply the capacity, mounting type and units shown in this figure.

Technical reference

Safety distance when installing circuit breaker

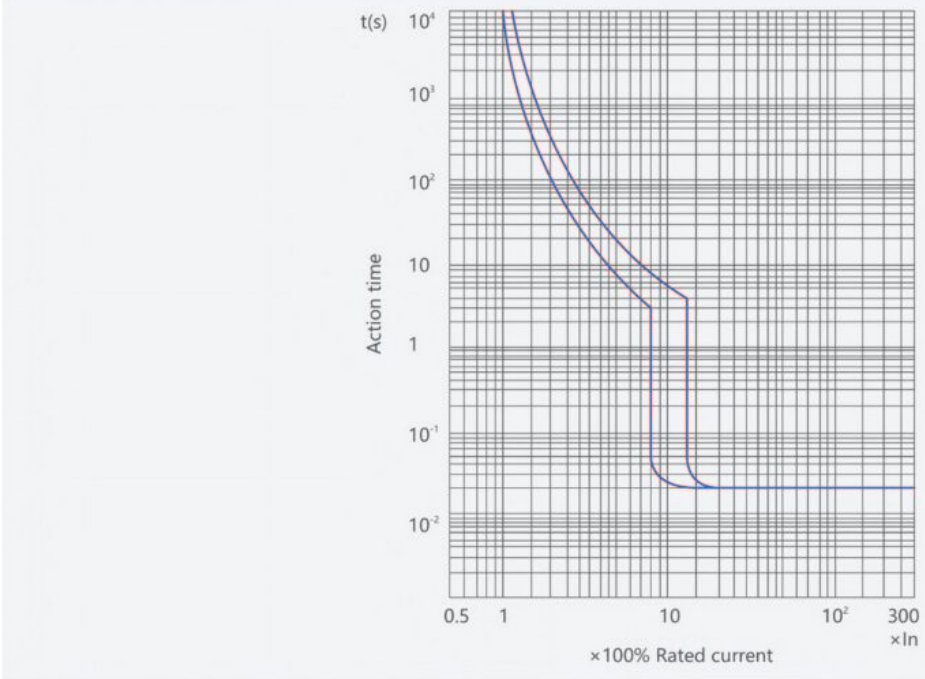


Model	L	A		B	C	E	
		Without zero arcing cover	With zero arcing cover			Without zero arcing cover	With zero arcing cover
IF-MCCB-250PV	40	50	65	25	25	50	130
IF-MCCB-320PV	40	50	65	25	25	50	130
IF-MCCB-400PV	70	100	65	25	25	100	130
IF-MCCB-630PV	70	100	65	25	25	100	130
IF-MCCB-800PV	70	100	65	25	25	100	130

Series reference. Apply the capacity, mounting type and units shown in this figure.

Technical reference

Curve



Series reference. Apply the capacity, mounting type and units shown in this figure.