



# FLEXTECH

Soluções Industriais e Comércio Ltda.



# FMPV 16/25/32- PM2

Interruptor Isolador DC PM2



# FMPV16/25/32- PM2

## Interruptor Isolador DC PM2

O interruptor isolador DC da série PM2 é aplicado ao sistema fotovoltaico residencial ou comercial de 1 ~ 20 KW, colocado entre os módulos de fotovoltagem e os inversores. O tempo de arco é inferior a 8ms, o que mantém o sistema solar mais seguro. Para garantir sua estabilidade e longa vida útil, nossos produtos são fabricados com componentes de ótima qualidade. A tensão máxima é de até 1200V DC. Ele mantém uma liderança segura entre produtos similares.



Certificado N°.: SAA-190372-EA

### CARACTERÍSTICAS

- Nível de proteção IP654 x orifícios M20
- A alça pode ser trancada com cadeado na posição "OFF"
- Base montada no trilho DIN e alça montada fora da porta através do eixo
- O comprimento do eixo pode ser personalizado pelo cliente
- 2 polos e 4 polos são viáveis (corda dupla simples)
- Padrão: IEC60947-3, AS60947.3
- DC-PV2, DC-PV1, DC-21 B
- 16A, 25A, 32A, 1200V DC

## CARACTERÍSTICAS ELÉTRICAS:


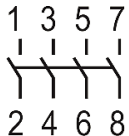
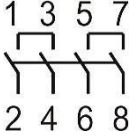
Tipo	FMPV16-PM2, FMPV25- PM2, FMPV32- PM2
Função	Isolador, Controle
Padrão	IEC60947-3, AS60947.3
Categoria de utilização	DC-PV2/DC-PV1 /DC-21 B
Polo	4P
Frequência avaliada	DC
Tensão operacional nominal ( $U_e$ )	300V, 600V, 800V, 1000V, 1200V
Tensão operacional nominal ( $I_e$ )	Veja a próxima página
Tensão nominal de isolamento ( $U_i$ )	1200V
Corrente de ar térmico livre convencional ( $I_{th}$ )	//
Corrente térmica fechada convencional ( $I_{the}$ )	O mesmo que $I_e$
Corrente suportável de curto prazo ( $I_{cw}$ )	1kA, 1s
Tensão nominal suportada por impulso ( $U_{imp}$ )	8. OkV
Categoria de sobretensão	II
Adequação para isolamento	Sim
Polaridade	Nenhuma polaridade, as polaridades "+" e "-" pode ser trocadas.

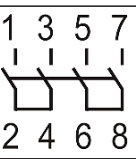
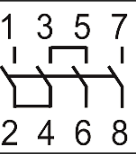

## VIDA ÚTIL/OPERAÇÃO DO CICLO:

Mecânica	18000
Elétrica	2000
Proteção de Entrada	Gabinete
Temperatura de Storage	IP66
Tipo de montagem	-40°~+85°C
Grau de poluição	Vertical ou Horizontal
	3

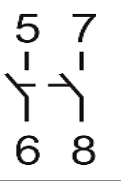
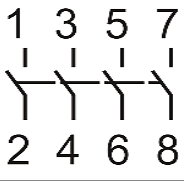
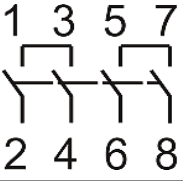
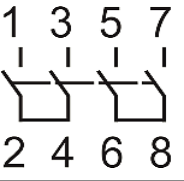
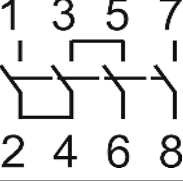
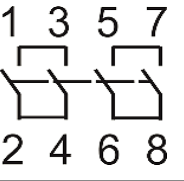
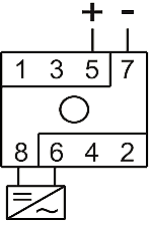
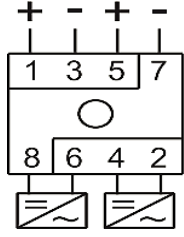
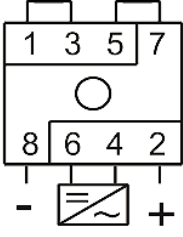
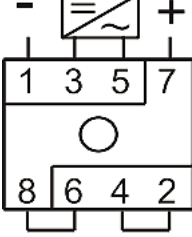
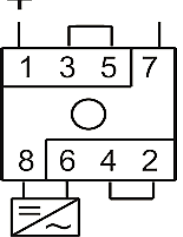
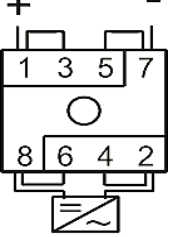
## FMPV16-PM2

### DIAGRAMA DE FIAÇÃO PARA TENSÃO OPERACIONAL NOMINAL $U_e$ (V) E CORRENTE OPERACIONAL NOMINAL $I_e$ (A):

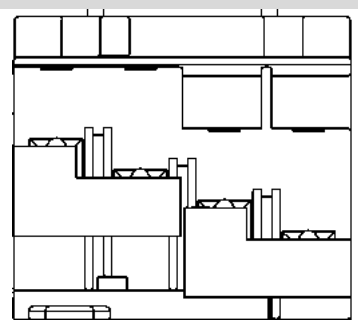
Diagrama da fiação contatos	300V	600V	800V	1000V	1200V	Polos em série	Núm. De strings	Tipode Núm.
	16A	16A	12A	8A	6A	2	1	2P
	16A	16A	12A	8A	6A	2	2	4P
	16A	16A	16A	16A	16A	2	1	4T

	16A	16A	16A	16A	16A	2	1	4B
	16A	16A	16A	16A	16A	4	1	4S
	35A	35A	/	/	/	2	1	2H

**CONFIGURAÇÕES DO INTERRUPTOR:**

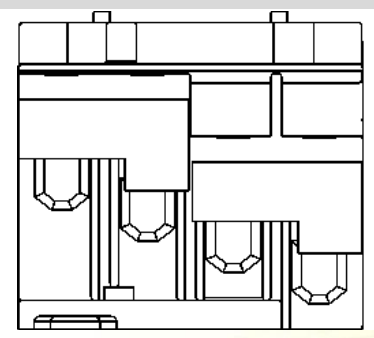
Tipo	2 polos	4 polos	2 polos   4 polos em série, fundo de entrada e saída	2 polos   4 polos em série, entrada e saída superior	2 polos   4 polos em série, entrada na parte inferior superior da saída	2 polos   4 polos paralelos
/	2P	4P	4T	4B	4S	2H
Contatos gráficos de fiação						
Exemplo de ligação						

**INSTALAÇÃO ERRADA**



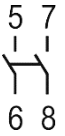
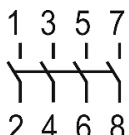
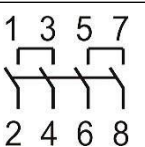
\*Observe que todas as conexões (incluindo conexões de ligação em ponte) devem ser apertadas antes da energização

**INSTALAÇÃO CORRETA**

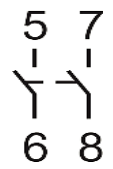
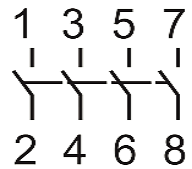
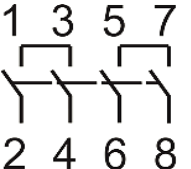
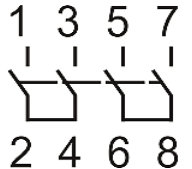
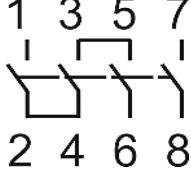
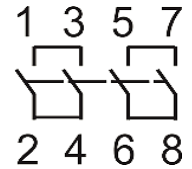
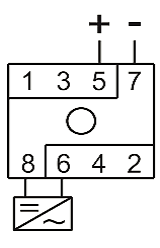
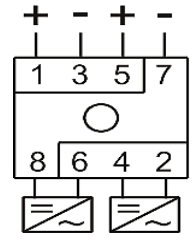
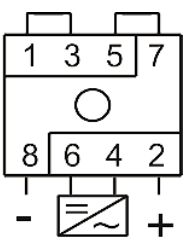
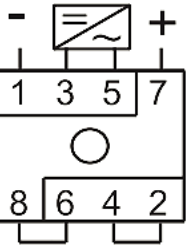
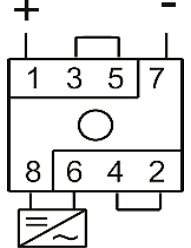
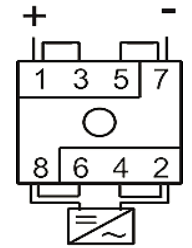


## FMPV25-PM2

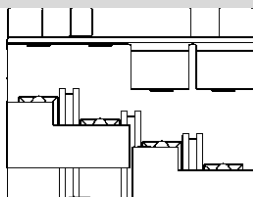
DIAGRAMA DE FIAÇÃO PARA TENSÃO OPERACIONAL NOMINAL  $U_e(V)$  E CORRENTE OPERACIONAL NOMINAL  $I_e(A)$ :

Diagrama da fiação contatos	300V	600V	800V	1000V	1200V	Polos em série	Núm. De strings	Tipode Núm.
	25A	25A	15A	9A	7A	2	1	2P
	25A	25A	15A	9A	7A	2	2	4P
	25A	25A	25A	25A	25A	2	1	4T

### CONFIGURAÇÕES DO INTERRUPTOR:

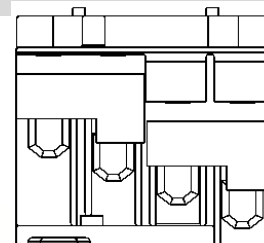
Tipo	2 polos	4 polos	2 polos   4 polos em série, fundo de entrada e saída	2 polos   4 polos em série, entrada e saída superior	2 polos   4 polos em série, entrada na parte inferior superior da saída	2 polos   4 polos paralelos
/	2P	4P	4T	4B	4S	2H
Contatos gráficos de fiação						
Exemplo de ligação						

### INSTALAÇÃO ERRADA



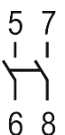
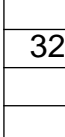
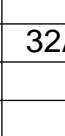
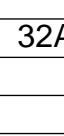
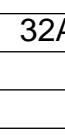
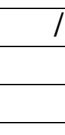
\*Observe que todas as conexões (incluindo conexões de ligação em ponte) devem ser apertadas antes da energização

### INSTALAÇÃO CORRETA

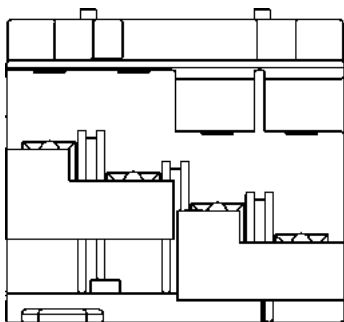


## FMPV32-PM2

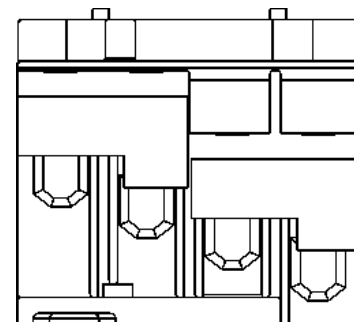
DIAGRAMA DE FIAÇÃO PARA TENSÃO OPERACIONAL NOMINAL  $U_e(V)$  E CORRENTE OPERACIONAL NOMINAL  $I_e(A)$ :

Diagrama da fiação contatos	300V	600V	800V	1000V	1200V	Polos em série	Núm. De strings	Tipode Núm.
	32A	32A	17A	10A	8A	2	1	2P
	32A	27A	17A	10A	8A	2	2	4P
	32A	32A	32A	32A	32A	2	1	4T
	32A	32A	32A	32A	32A	2	1	4B
	32A	32A	32A	32A	32A	4	1	4S
	45A	40A	/	/	/	2	1	2H

### INSTALAÇÃO ERRADA

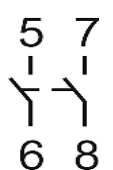
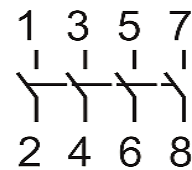
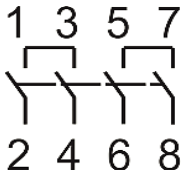
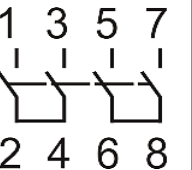
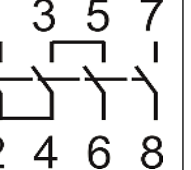
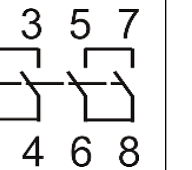
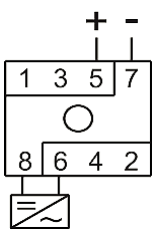
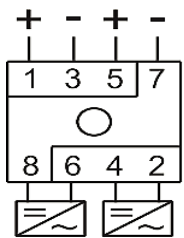
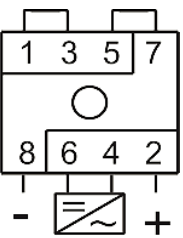
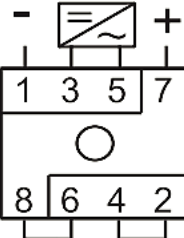
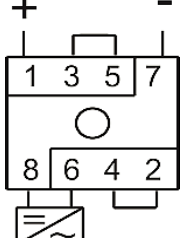
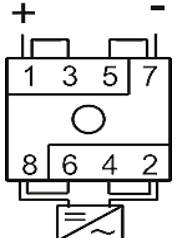


### INSTALAÇÃO CORRETA



\*Observe que todas as conexões (incluindo conexões de ligação em ponte) devem ser apertadas antes da energização

## CONFIGURAÇÕES DO INTERRUPTOR:

Tipo	2 polos	4 polos	2 polos   4 polos em série, fundo de entrada e saída	2 polos   4 polos em série, entrada e saída superior	2 polos   4 polos em série, entrada na parte inferior superior da saída	2 polos   4 polos paralelos
/	2P	4P	4T	4B	4S	2H
Contatos gráficos de fiação						
Exemplo de ligação						

## DIMENSÕES:

