



FLEXTECH

Soluções Industriais e Comércio Ltda.



FMPV16/25/32-ELR2

Interruptor Isolador DC ELR2



FMPV16/25/32-ELR2

Interruptor Isolador DC ELR2

O interruptor isolador DC da série ELR2 em invólucro plástico é aplicado a sistemas fotovoltaicos residenciais ou comerciais de 1 a 20 KW, colocados entre os módulos de foto voltagem 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

- Caixa com classificação IP66, resistente a UV
- 4 x orifícios M20
- A alça pode ser trancada com cadeado na posição "OFF"
- Os plugues MC4 podem ser selecionados para conexão conveniente e economia de espaço
- 2 polos, 4 polos são viáveis (corda dupla simples I)
- Padrão: IEC60947-3, AS60947.3
- DC-PV2, DC-PV1, DC-21 B
- 16A, 25A, 32A, 1200V DC



Orifícios M20



Selo de chumbo

CARACTERÍSTICAS ELÉTRICAS:

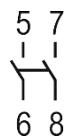
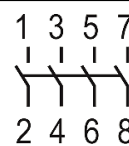
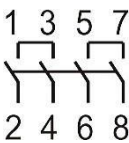
Tipo	FMPV16-ELR2, FMPV25-ELR2, FMPV32-ELR2
Função	Isolador, Controle
Padrão	IEC60947-3, AS60947.3
Categoria de utilização	DC-PV2/DC-PV1 /DC-21 B
Polo	4P
Frequência avaliada	DC
Tensão operacional nominal (U_e)	300V, 600V, 800V, 1000V, 1200V
Tensão operacional nominal (I_e)	Veja a próxima página
Tensão 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})	8.0kV
Categoria de sobretensão	II
Adequação para isolamento	Sim
Polaridade	Nenhuma polaridade, as polaridades "+" e "-" pode ser trocadas.

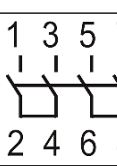

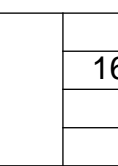
VIDA ÚTIL/OPERAÇÃO DO CICLO:

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

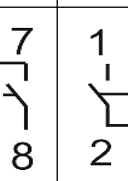
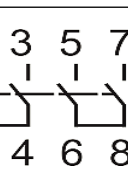
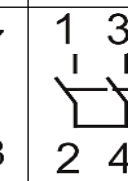
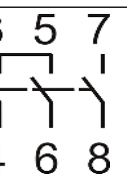
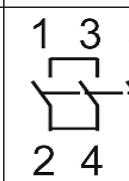

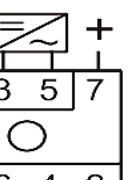
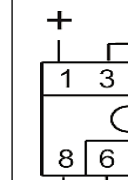
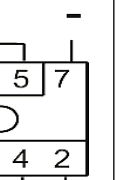
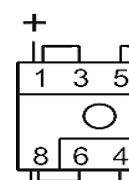
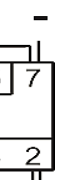

FMPV16-ELR2

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

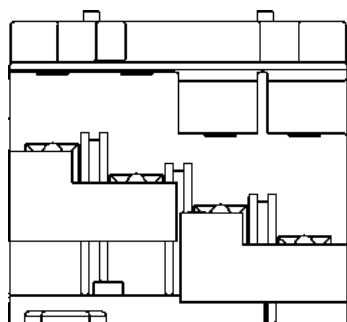
Diagrama da fiação contatos	300V	600V	800V	1000V	1200V	Polos em série	Núm. De strings	Tipode Núm.
	16A	16A	12A	8A	6A	2	1	2P
	16A	16A	12A	8A	6A	2	2	4P
	16A	16A	16A	16A	16A	2	1	4T

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

CONFIGURAÇÕES DO INTERRUPTOR:

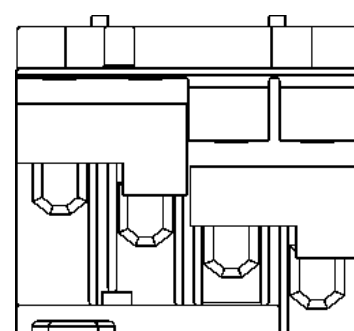
Tipo	2 polos	4 polos	2 polos 4 polos em série, fundo de entrada e saída	2 polos 4 polos em série, entrada e saída superior	2 polos 4 polos em série, entrada na parte inferior superior da saída	2 polos 4 polos paralelos
/	2P	4P	4T	4B	4S	2H
Contatos gráficos de fiação						
Exemplo de ligação						

INSTALAÇÃO ERRADA



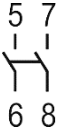
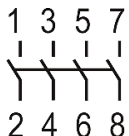
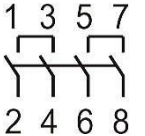
*Observe que todas as conexões (incluindo conexões de ligação em ponte) devem ser apertadas antes da energização

INSTALAÇÃO CORRETA

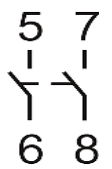
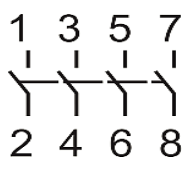
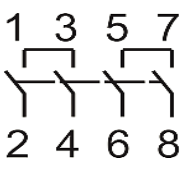
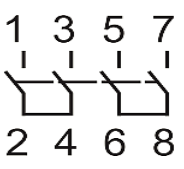
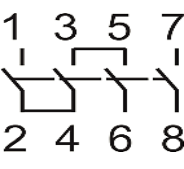
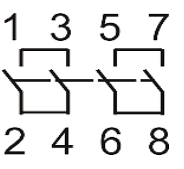
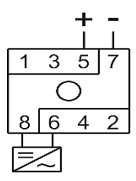
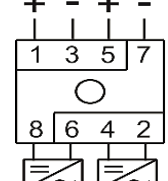
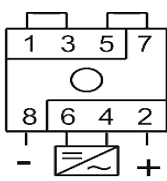
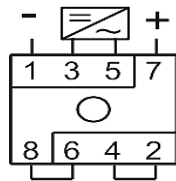
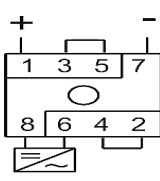
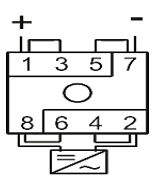


FMPV25-ELR2

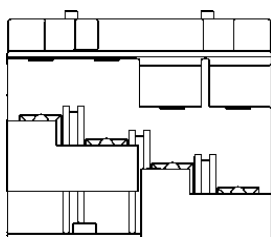
DIAGRAMA DE FIAÇÃO PARA TENSÃO OPERACIONAL NOMINAL $U_e(V)$ E CORRENTE OPERACIONAL NOMINAL $I_e(A)$:

Diagrama da fiação contatos	300V	600V	800V	1000V	1200V	Polos em série	Núm. De strings	Tipo de 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:

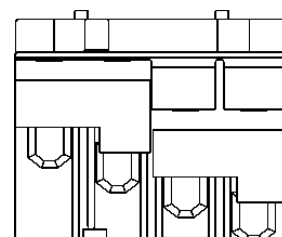
Tipo	2 polos	4 polos	2 polos 4 polos em série, fundo de entrada e saída	2 polos 4 polos em série, entrada e saída superior	2 polos 4 polos em série, entrada na parte inferior superior da saída	2 polos 4 polos paralelos
/	2P	4P	4T	4B	4S	2H
Contatos gráficos de fiação						
Exemplo de ligação						

INSTALAÇÃO ERRADA



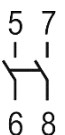
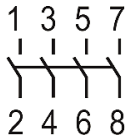
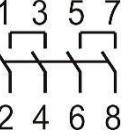
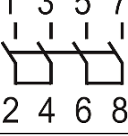
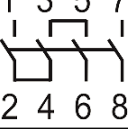

*Observe que todas as conexões (incluindo conexões de ligação em ponte) devem ser

INSTALAÇÃO CORRETA

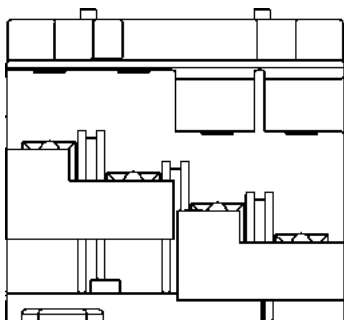


FMPV32-ELR2

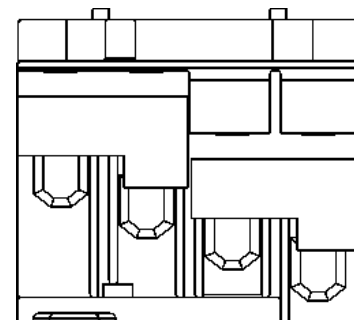
DIAGRAMA DE FIAÇÃO PARA TENSÃO OPERACIONAL NOMINAL $U_e(V)$ E CORRENTE OPERACIONAL NOMINAL $I_e(A)$:

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

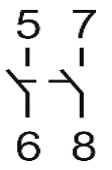
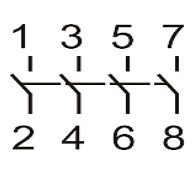
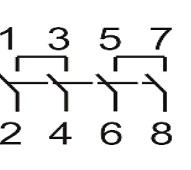
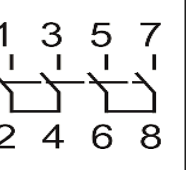
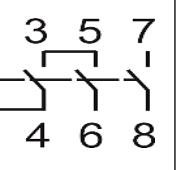
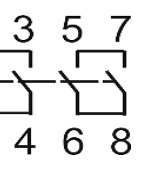
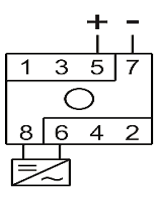
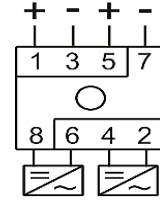
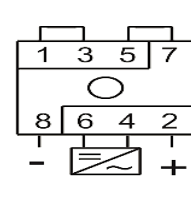
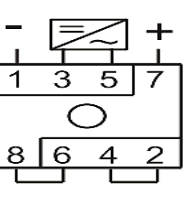
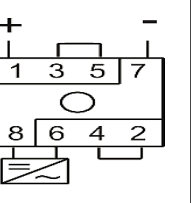
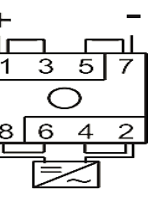


INSTALAÇÃO CORRETA

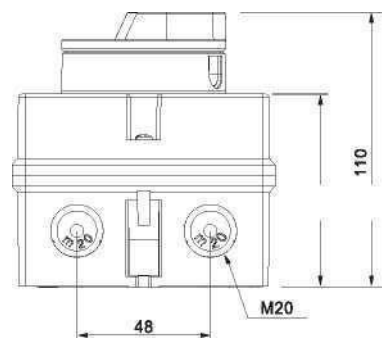
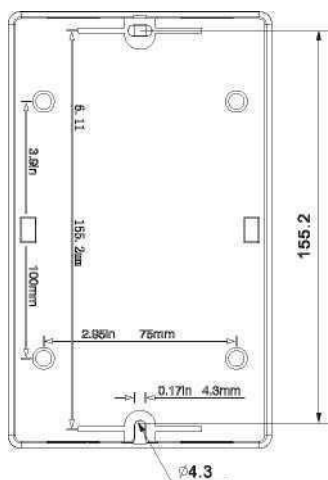
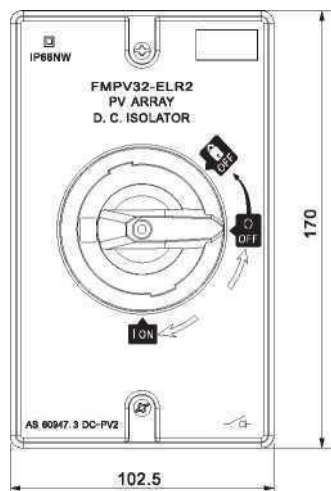


*Observe que todas as conexões (incluindo conexões de ligação em ponte) devem ser apertadas antes da energização

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:



FLEXTECH
Soluções Industriais e Comércio Ltda.

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