

# Residual current circuit breaker PFIM

## Residual current circuit breaker PFIM (ELM)



### Product Description

- Electromagnetic residual current circuit breaker PFIM series are widely applied in commercial / residential construction and electrical equipment, to protect persons and animals against electric shock and ensuring reliable protections to your circuits and loads.
- Direct and indirect contact protections, as well as accessory protection, with powerful isolation function.
- Tripping is line voltage independent, make sure it's still effective when system voltage drops.
- Compact design and small size, with rated current up to 100A.
- 4 types of rated residual currents: 10, 30, 100, 300mA for different applications.
- Wide variety of nominal currents: 16, 25, 40, 63, 80, 100A.
- Unique design for anti-surge current, prevent the system from fault tripping when lightning stroke or surge current impulse, ensure the system continuous operating.
- 2 pole / 4 pole available .
- Visible contact position indicator, indicating the status for safety operation.
- Auxiliary switch Z-HK can be mounted subsequently.
- Undergo extreme ambient cycling tests: wind power application, electric vehicle charge station, etc. And carry a robust operating temperature range.
- Meet the latest international and national standards: IEC/EN 61008 and GB 16916.
- Certification: CCC, CE, OVE, and CCS.

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## Conditional surge current-proof 250A, Type AC , instantaneous

$I_n/I_{\Delta n}(A)$	Type designation	Article No.	Units per package
<b>2P</b>			
16/001	PFIM-16/2/001	294241	1
25/003	PFIM-25/2/003	294242	1
25/01	PFIM-25/2/01	294243	1
25/03	PFIM-25/2/003	294244	1
40/003	PFIM-40/2/003	294245	1
40/01	PFIM-40/2/01	294246	1
40/03	PFIM-40/2/03	294247	1
63/003	PFIM-63/2/003	294248	1
63/01	PFIM-63/2/01	294249	1
63/03	PFIM-63/2/03	294250	1
80/003	PFIM-80/2/003	294251	1
80/01	PFIM-80/2/01	294252	1
80/03	PFIM-80/2/03	294253	1
100/003	PFIM-100/2/003	102910	1
100/01	PFIM-100/2/01	102911	1
100/03	PFIM-100/2/03	102912	1



## 4P

25/003	PFIM-25/4/003	294270	1
25/01	PFIM-25/4/01	294271	1
25/03	PFIM-25/4/003	294272	1
40/003	PFIM-40/4/003	294273	1
40/01	PFIM-40/4/01	294274	1
40/03	PFIM-40/4/03	294275	1
63/003	PFIM-63/4/003	294276	1
63/01	PFIM-63/4/01	294277	1
63/03	PFIM-63/4/03	294278	1
80/003	PFIM-80/4/003	294279	1
80/01	PFIM-80/4/01	294280	1
80/03	PFIM-80/4/03	294281	1
100/003	PFIM-100/4/003	102915	1
100/01	PFIM-100/4/01	102916	1
100/03	PFIM-100/4/03	102917	1



## Conditional surge current-proof 250A, sensitive to residual pulsating DC, Type A , instantaneous

$I_n/I_{\Delta n}(A)$	Type designation	Article No.	Units per package
<b>2P</b>			
16/001	PFIM-16/2/001-A	294254	1
25/003	PFIM-25/2/003-A	294255	1
25/01	PFIM-25/2/01-A	294256	1
25/03	PFIM-25/2/003-A	294257	1
40/003	PFIM-40/2/003-A	294258	1
40/01	PFIM-40/2/01-A	294259	1
40/03	PFIM-40/2/03-A	294260	1
63/003	PFIM-63/2/003-A	294261	1
63/01	PFIM-63/2/01-A	294262	1
63/03	PFIM-63/2/03-A	294263	1



## 4P

25/003	PFIM-25/4/003-A	294282	1
25/01	PFIM-25/4/01-A	294283	1
25/03	PFIM-25/4/003-A	294284	1
40/003	PFIM-40/4/003-A	294285	1
40/01	PFIM-40/4/01-A	294286	1
40/03	PFIM-40/4/03-A	294287	1
63/003	PFIM-63/4/003-A	294288	1
63/01	PFIM-63/4/01-A	294289	1
63/03	PFIM-63/4/03-A	294290	1
80/003	PFIM-80/4/003-A	294291	1
80/01	PFIM-80/4/01-A	294292	1
80/03	PFIM-80/4/03-A	294293	1
100/003	PFIM-100/4/003-A	102919	1
100/01	PFIM-100/4/01-A	102920	1
100/03	PFIM-100/4/03-A	102921	1



# Residual current circuit breaker PFIM



## Surge current-proof 3kA, Type AC , Type G

$I_n/I_{\Delta n}$ (A)	Type designation	Article No.	Units per package
<b>2P</b>			
25/003	PFIM-25/2/003-G	294264	1
25/01	PFIM-25/2/01-G	294265	1
40/003	PFIM-40/2/003-G	294266	1
40/01	PFIM-40/2/01-G	294267	1

### 4P

40/003	PFIM-40/4/003-G	294294	1
40/01	PFIM-40/4/01-G	294295	1
63/003	PFIM-63/4/003-G	294296	1
63/01	PFIM-63/4/01-G	294297	1

## Surge current-proof 5kA, sensitive to residual pulsating DC, TYPE S/A , selective

$I_n/I_{\Delta n}$ (A)	Type designation	Article No.	Units per package
<b>2P</b>			
40/01	PFIM-40/2/01-G	294268	1
40/03	PFIM-40/2/03-G	294269	1

### 4P

25/01	PFIM-25/4/01-S/A	294298	1
40/01	PFIM-40/4/01-S/A	294299	1
40/03	PFIM-40/4/03-S/A	294301	1
63/01	PFIM-63/4/01-S/A	294302	1
63/03	PFIM-63/4/03-S/A	294303	1
80/03	PFIM-80/4/03-S/A	294304	1
100/03	PFIM-100/4/03-S/A	102924	1

# Residual Current Devices PFIM-U

SG62111



## Selective + surge current-proof 5 kA, frequency converter-proof, type U

$I_n/I_{\Delta n}$ (A)	Type Designation	Article No.	Units per package
<b>4-pole</b>			
40/0.10	PFIM-40/4/01-U	235744	1/30
40/0.30	PFIM-40/4/03-U	235745	1/30
63/0.10	PFIM-63/4/01-U	235746	1/30
63/0.30	PFIM-63/4/03-U	235747	1/30
80/0.30	PFIM-80/4/03-U	290221	1/30
100/0.30	PFIM-100/4/03-U	290222	1/30

SG62111



## Short-time delayed + surge current-proof 3 kA, frequency converter-proof, type U

$I_n/I_{\Delta n}$ (A)	Type Designation	Article No.	Units per package
<b>4-pole</b>			
63/0.03	PFIM-63/4/003-U	285465	1/30