## FI Earth Leakage Circuit Breakers

FI compact Earth Leakage Circuit Breakers detect and interrupt earth（ground）faults．They are VDE approved for the European system of protecting people， animals，equipment and property from dangerous line－to－ground and shock hazard currents．
US applications include ground－ fault protection of equipment （GFPE）using the 10 mA and 30 mA fault current ratings，espe－ cially when high distributed ca－ pacitance or other leakages cause excessive nuisance trips at lower fault currents．Applications for the 300 mA rating are equip－ ment protection and fire preven－ tion，limiting the energy of a fault to less than the minimum ignition energy for many materials．

## Type Designation

$$
\overline{(a)} \quad \overline{(b)} \cdot \overline{(c)}
$$

（a）$=2-2$ pole；4－4 pole
（b）$=1-16 A ; 2-25 A ; 3-40 A ; 4-63 A$
（c）$=01-10 \mathrm{~mA}$
$=03-30 \mathrm{~mA}$
$=30-300 \mathrm{~mA}$


FI 2

| Maximum <br> Rated <br> Line <br> Current | Fault <br> Trip <br> Current | Type | Cat．No． | Fault <br> Trip <br> Current | Type | Cat．No． |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| Earth Leakage Circuit Breaker with Auxiliary Contacts ${ }^{\text {b }}$ |  |  |  | Earth Leakage Circuit Breaker with Auxiliary Contacts ${ }^{\text {b }}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25A | 30 mA | FI 22．03Y 15.932 | 人 | 30 mA | Fl 42．03Y | 15.933 | 人 |
| 40A | 30 mA | FI 23．03Y 15.934 | 人 | 30 mA | FI 43．03Y | 15.935 | 人 |
| 63A |  |  |  | 30 mA | FI 44．03Y | 15.936 | － |



## Mouser Electronics

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