

MODULAR DEVICES  
**SOLUTION**  
CIRCUIT BREAKERS

Ⓢ CB CE RoHS





TALEMOD is a professional company in low voltage circuit protection systems, integrating design, R&D, manufacturing and trading. Our main product lines include MCB, RCCB, RCBO, MCCB and distribution boards.

#### Optimal Solution

We are turnkey solution supplier for circuit protection. By providing quality ODM and OEM services, we expand your brand's product range and increase market share.

#### We offer reliable support

Our team has years of combined experience in circuit protection expertise and with the help under seasoned supply chain, we have obtained CE, CB, SEMKO, RoHS and other authorities certification, and serving for some of the biggest brands worldwide.

#### Modern Manufacturing

We apply the modern 6S manufacturing strategy to reduce product error and increase efficiency.

#### Top Brand's Choice

Continued innovation, consumer-focused production, and partnerships with renowned companies like **legrand** and **bticino** make Talemold the go-to brand for your brand here and abroad.

#### Flexible Solution

Apart from devices, we offer a complete set of consumer units, offering you a combo sales plan.

#### Attentive Service

Our expert team help you with device design, production, development and attentive after-sales service.





# PRODUCT CATALOG

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MCB series

RCCB (RCD) series

RCBO series

ISOLATOR SWITCH series

AFDD series

RECLOSING DEVICE series

SPD series

MCB ACCESSORIES - series

## MCB 4.5KA series

/ Model No.: TDM1 / Model No.: TDM2

Standard	IEC60898-1			
Rated current (In)	1-63A			
Poles	1P	2P	3P	4P
Tripping curve	B/C/D			
Rated voltage (Ue)	240/415V			
Rated short-circuit breaking capacity (Icn)	4.5KA			



TDM1



TDM2

## MCB 6KA series

/ Model No.: TDM1 / Model No.: TDM2

Standard	IEC60898-1			
Rated current (In)	1-63A			
Poles	1P	2P	3P	4P
Tripping curve	B/C/D			
Rated voltage (Ue)	240/415V			
Rated short-circuit breaking capacity (Icn)	6KA			



TDM1



TDM2

/ Model No.: TDM3-125

Standard	IEC60947-2			
Rated current (In)	63A-125A			
Poles	1P	2P	3P	4P
Tripping curve	B/C/D			
Rated voltage (Ue)	240/415V			
Rated short-circuit breaking capacity (Icn)	6KA			



TDM3-125

## MCB 10KA series

/ Model No.: TDM3 / Model No.: TDM4

Standard	IEC60898-1			
Rated current (In)	1-63A			
Poles	1P	2P	3P	4P
Tripping curve	B/C/D			
Rated voltage (Ue)	240/415V			
Rated short-circuit breaking capacity (Icn)	10KA			



TDM3



TDM4

/ Model No.: TDM4-125

Standard	IEC60947-2			
Rated current (In)	63A-125A			
Poles	1P	2P	3P	4P
Tripping curve	B/C/D			
Rated voltage (Ue)	240/415V			
Rated short-circuit breaking capacity (Icn)	10KA			



TDM4-125

## DC MCB series

/ Model No.: TDM3-DC / Model No.: TDM4-DC / Model No.: TDM7-DC

Standard	ICE60947-2			
Rated current (In)	1-63A			
Poles	1P	2P	3P	4P
Tripping curve	B/C/D			
Rated voltage (Ue)	250VDC, 500VDC, 750VDC, 1000VDC			
Rated short-circuit breaking capacity (Icn)	6KA/10KA			



TDM3-DC



TDM4-DC



TDM7-DC

## DPN series (1P+N in one module, 18mm width)

/ Model No.: TDM3N / Model No.: TDM4N

Standard	IEC60898-1
Rated current (In)	1-32A
Poles	1P+N
Tripping curve	B/C/D
Rated voltage (Ue)	240V
Rated short-circuit breaking capacity (Icn)	4.5KA/6KA



TDM3N



TDM4N

## RCCB (RCD) series

/ Model No.: TDL1 / Model No.: TDL2 / Model No.: TDL4

Standard	IEC61008-1	
Rated current (In)	10-63A	
Poles	2P	4P
Model	Electromagnetic/Electronic	
Type	AC, A, S, G	
Rated voltage (Ue)	240/415V	
Rated residual operating current (IΔn)	30mA/100mA/300mA	
Rated conditional short-circuit current (Icn)	6KA/10KA	



TDL1



TDL2



TDL4

/ Model No.: TDL4-100

Standard	IEC61008-1	
Rated current (In)	63-100A	
Poles	2P	4P
Model	Electromagnetic/Electronic	
Type	AC, A, S, G	
Rated voltage (Ue)	240/415V	
Rated residual operating current (IΔn)	30mA/100mA/300mA	
Rated conditional short-circuit current (Icn)	6KA	



TDL4-100

/ Model No.: TDL4-B

Standard	IEC62423	
Rated current (In)	10-63A	
Poles	2P	4P
Model	Electromagnetic	
Type	B	
Rated voltage (Ue)	240/415V	
Rated residual operating current (I $\Delta$ n)	30mA/100mA/300mA	
Rated conditional short-circuit current (Inc)	6KA/10KA	



TDL4-B

## RCBO series

/ Model No.: TDR1 / Model No.: TDR4

Standard	IEC61009-1	
Rated current (In)	6-40A	
Poles	1P+N	3P+N
Model	Electromagnetic/Electronic	
Type	AC, A	
Tripping curve	B/C/D	
Rated voltage (Ue)	240V	
Rated residual operating current (I $\Delta$ n)	30mA/100mA/300mA	
Rated conditional short-circuit current (Inc)	6KA	



TDR1



TDR4

/ Model No.: TDR10

Standard	IEC61009-1	
Rated current (In)	6-63A	
Poles	2P	
Model	Electronic	
Type	AC, A	
Tripping curve	B/C/D	
Rated voltage (Ue)	240V	
Rated residual operating current (I $\Delta$ n)	30mA/100mA/300mA	
Rated conditional short-circuit current (Inc)	10KA	



TDR10

## 1P+N in 1 module, 18mm width

/ Model No.: TDR3

Standard	IEC61009-1
Rated current (In)	6-40A
Poles	1P+N
Model	Electronic
Type	AC, A
Tripping curve	B/C/D
Rated voltage (Ue)	240V
Rated residual operating current (IΔn)	30mA/100mA/300mA
Rated conditional short-circuit current (Isc)	6KA



TDR3

/ Model No.: TDR5

Standard	IEC61009-1
Rated current (In)	6-50A
Poles	1P+N
Model	Electronic
Type	AC, A
Tripping curve	B/C/D
Rated voltage (Ue)	240V
Rated residual operating current (IΔn)	30mA/100mA/300mA
Rated conditional short-circuit current (Isc)	10KA



TDR5

## MCB+RCD combined type

/ Model No.: TDR6 / Model No.: TDR7

Standard	IEC61009-1
Rated current (In)	6-63A
Poles	1P+N 2P 3P 3P+N 4P
Model	Electronic
Type	AC, A
Tripping curve	B/C/D
Rated voltage (Ue)	240/415V
Rated residual operating current (IΔn)	30mA/100mA/300mA
Rated conditional short-circuit current (Isc)	10KA



TDR6

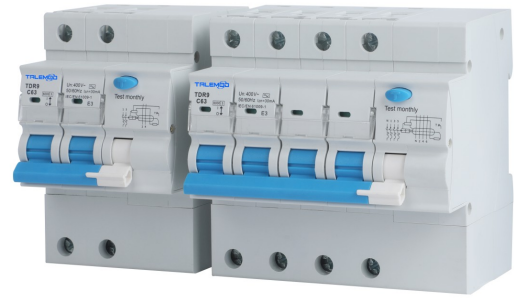


TDR7



/ Model No.: TDR9

Standard	IEC61009-1		
Rated current (In)	6-63A		
Poles	1P+N	3P+N	
Model	Electromagnetic		
Type	AC, A		
Tripping curve	B/C/D		
Rated voltage (Ue)	230/400V		
Rated residual operating current (I $\Delta$ n)	30mA/100mA/300mA		
Rated conditional short-circuit current (I $_{nc}$ )	6KA		



TDR9

## PLUG IN type

/ Model No.: TDR8

Standard	IEC61009-1		
Rated current (In)	6-63A		
Poles	2P		
Model	Electronic		
Type	AC, A		
Tripping curve	B/C/D		
Rated voltage (Ue)	230/400V		
Rated residual operating current (I $\Delta$ n)	30mA/100mA/300mA		
Rated conditional short-circuit current (I $_{nc}$ )	10KA		



TDR8

## ISOLATOR SWITCH Series

/ Model No.: TDH2 / Model No.: TDH4

Standard	IEC60947-3			
Rated current (In)	63A, 80A, 100A, 125A			
Poles	1P	2P	3P	4P
Rated voltage (Ue)	240/415V			
Rated short-time withstand current (I $_{cw}$ )	2000A/1s			
Rated making and breaking capacity	3I $_e$ , 1.05U $_e$ , cos $\Phi$ =0.65			



TDH2



TDH4

- MCB+RCD combined type / Model No.: TDR9
- PLUG IN type / Model No.: TDR8
- ISOLATOR SWITCH Series / Model No.: TDH2 / Model No.: TDH4

## AFDD series

1P+N in 1 module, 18mm width,  
Arc fault detection + RCBO + Overvoltage  
protection three functions

/ Model No.: TDAFD1

Standard	IEC/EN 62606 & IEC 61009-1
Rated current (In)	6-40A
Poles	1P+N
Model	Electronic
Type	AC, A
Tripping curve	B/C/D
Rated voltage (Ue)	240V
Rated residual operating current (IΔn)	30mA/100mA/300mA
Rated conditional short-circuit current (Icn)	6KA
Overvoltage protection	270V-300V



TDAFD1

## RECLOSING DEVICE series

### MCB Recloser

/ Model No.: TDRDM-C (Switch Input)

Standard	RD (IEC60715) MCB (IEC60898-1)
Recloser voltage range	AC220V, DC12V, DC24V~48V
MCB Rated current (In)	1-63A
MCB Rated voltage (Ue)	240/415V
Poles	RD+1P RD+2P RD+3P RD+4P
Rated short-circuit breaking capacity (Icn)	10KA



TDRDM

## RCCB Recloser

/ Model No.: TDRDL-C (Switch Input)

Standard	RD (IEC60715) RCCB (IEC61008-1)	
Recloser voltage range	AC220V, DC12V, DC24V~48V	
RCCB Rated current (In)	10-63A	
RCCB Rated voltage (Ue)	240/415V	
Poles	RD+2P	RD+4P
Rated short-circuit breaking capacity (Icn)	6KA	



TDRDL

## SPD series

/ Model No.: TDS1

Standard	IEC61643-11		
Poles	1P	2P	3P
	4P	1+NPE	3+NPE
Rated working voltage	220V±10%		
Maximum continuous operating voltage (Uc)	320VAC		
Nominal discharge current (In)	20kA		
Maximum discharge current (Imax)	40kA		
Voltage protection level (Up)	1.7kV		
Rated short-circuit current (Iscct)	300A		



TDS1

## MCB ACCESSORIES-series 2

SH2 -	SHUNT RELEASE
AU2 -	AUXILIARY CONTACT
AL2 -	ALARM CONTACT
UV2 -	UNDER VOLTAGE RELEASE
OV2 -	OVER VOLTAGE RELEASE
UV2+OV2 -	UNDER VOLTAGE +OVER VOLTAGE RELEASE



Matching MCB models: TDM2 MCB

## MCB ACCESSORIES-series 3

SH3 -	SHUNT RELEASE
AU3 -	AUXILIARY CONTACT
SH3 + AU3 -	SHUNT RELEASE + AUXILIARY CONTACT
AL3 -	ALARM CONTACT
UV3 -	UNDER VOLTAGE RELEASE
OV3 -	OVER VOLTAGE RELEASE
UV3+OV3 -	UNDER VOLTAGE +OVER VOLTAGE RELEASE



Matching MCB models: TDM1 MCB / TDM3 MCB

## MCB ACCESSORIES-series 4

SH4 -	SHUNT RELEASE
AU4A -	AUXILIARY CONTACT (18 mm width)
SH4 + AU4A -	SHUNT RELEASE + AUXILIARY CONTACT
AU4B -	AUXILIARY CONTACT (9 mm width)
AL4 -	ALARM CONTACT
AU4B+AL4 -	AUXILIARY + ALARM CONTACT



Matching MCB models: TDM4 MCB

# PROVIDE SPARE-PARTS SOLUTION

NO MATTER WHERE YOU ARE,  
SOLVE ALL PROBLEMS DURING  
YOUR PRODUCTION

