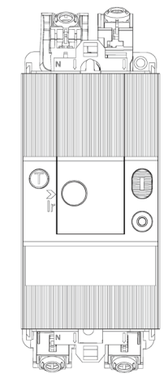
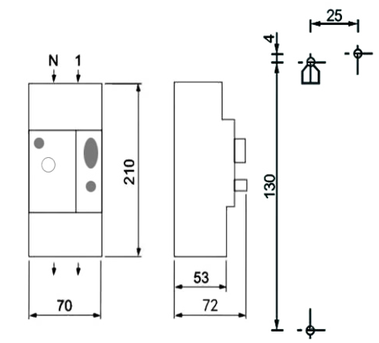
PG DuoLine-branch circuit breaker

PG DuoLine-branch circuit breaker
2P 5-15A 10-30A 15-45A 30-60A

Model Information

PG				
Model:	PG 215500	PG 230500	PG245500	PG260500
Without Ly	No residual current tripping			
With I:	Residual current tripping			
2 meansy	Poles(2=1+N)			
15 meansy	Maximum rated current(15A)			
500 meansy	Differential Sensitivity(500mA)			
Installation diagram (with dimensions) main				
Range	Multi 9			
Type of product or equipment	Circuit breaker			
Position of the switchgear in the installation	Arrivals group			
Description of the poles	1P+N			
[In] rated operational current	5A 10A 15A	10A 15A 20A 25A 30A	15A 30A 45A	30A 40A 50A 60A
Differential Sensitivity	300mA 500mA			
Timeout	Selective			
Position of the neutral pole	Left			
Standards	IEC 60947-2			
Product certifications				
Network type				
Complementary				
Network frequency	50/60Hz			
[Ue] rated operational voltage	250 V AC 50/60 Hz conforming to IEC60947-2			
Residual current tripping technology	voltage dependent			
[Ics] rated service breaking capacity	2 kA at 250 V AC 50/60 Hz conforming to IEC60947-2			
Order type	By crankpin			
mounting bracket	mounting plate			
Height	210mm			
Lenght	70mm			
Depth	70mm			
Product weight	0.7Kg			
Connection mode	Cage type terminal, cable section: 35 m ㎡			
Differential protection	Integrated			
Environment				
Operating altitude	2000m			
Ambient air temperature during operation	-10℃…+65 ℃			





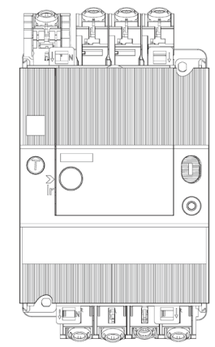
Type of packaging 1	PCE
Number of units per package	1
Packaging weight (Kg)	600G
With I:	8cm
Packaging height 1	8.2cm
Packaging width 1	23cm
Package length 1	S03
Type of packaging 2	
Number of products in packaging 2	Kg
Package weight 2	Cm
Packaging height 2	Cm
Packaging width 2	Cm
Package length 2	P12
Type of packaging 3	
Number of products in packaging 3	Kg
Package weight 3	CM
Packing height 3	CM
Packaging width 3	CM
Packing length 3	
Supply sustainability	Complies with EU RoHS Declaration
EU RoHS Directive	Yes
RoHS Exemption Information	Yes
China RoHS regulation	RoHS Declaration For China
WEEE	In the European Union market, the product must be disposed of according to a specific waste collection protocol and never thrown into a household waste bin.
Contractual guarantee	
Guarantee	18 months

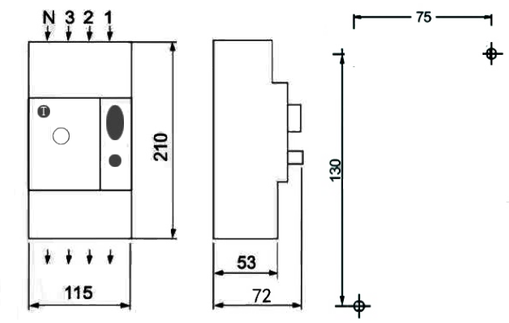
PG DuoLine-branch circuit breaker

PG DuoLine-branch circuit breaker
4P 10-30A 15-45A 30-60A

Model Information

Model:	PG 430500	PG 445500	PG 460500
Without Ly	No residual current tripping		
With I:	Residual current tripping		
2 meansy	Poles(4=3+N)		
15 meansy	Maximum rated current(30A)		
500 meansy	Differential Sensitivity(500mA)		
main			
Range	Multi 9		
Type of product or equipment	Circuit breaker		
Position of the switchgear in the installation	Arrivals group		
Description of poles	3P+N		
[In] rated operational current	10A 15A 20A 25A 30A	30 A 40 A 45 A	30 A 40 A 50 A 60 A
Differential Sensitivity	300mA 500mA		
Timeout	Selective		
Position of the neutral pole	Left		
Standards	IEC 60947-2		
Product certifications			
Network type			
Complementary			
Network frequency	50/60Hz		
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to IEC 60947-2		
Residual current tripping technology			
[Ics] rated service breaking capacity	2 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2		
Order type	By crankpin		
mounting bracket	mounting plate		
Height	210mm		
Lenght	105mm		
Depth	70mm		
Product weight	1.8Kg		
Connection mode	Tunnel type terminal, cable section: 35 m ㎡		
Differential protection	Integrated		
Environment			
Operating altitude	2000m		
Ambient air temperature during operation	-10℃…+65 ℃		





Type of packaging 1	PCE
Number of units per package	1
Packaging weight (Kg)	966G
Packaging height 1	9cm
Packaging width 1	11.5cm
Package length 1	23cm
Type of packaging 2	S03
Number of products in packaging 2	9
Package weight 2	9.181Kg
Packaging height 2	30cm
Packaging width 2	30cm
Package length 2	40cm
Type of packaging 3	P12
Number of products in packaging 3	72
Package weight 3	85.448 Kg
Packing height 3	50cm
Packaging width 3	80cm
Packing length 3	120cm
Supply sustainability	
EU RoHS Directive	Complies with EU RoHS Declaration
Mercury free	Yes
RoHS Exemption Information	Yes
China RoHS regulation	RoHS Declaration For China
WEEE	In the European Union market, the product must be disposed of according to a specific waste collection protocol and never be thrown into a household garbage bin.
Contractual guarantee	
Guarantee	18 months

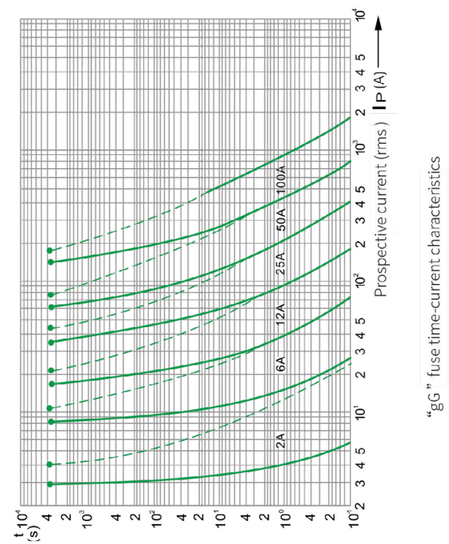
Fuse Links

Cylindrical Fuse Links

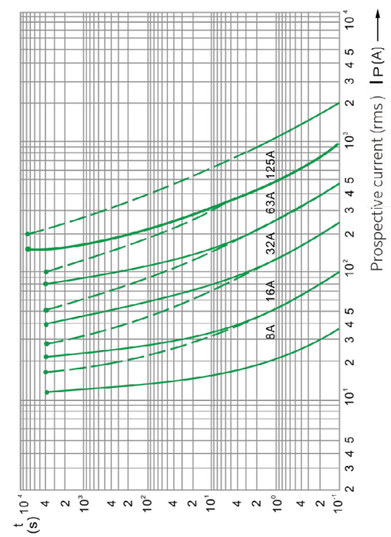
Technical parameters

Model No	Rated Current In	Rated voltage Un	Breaking capacity with fuse
RT58-32(RO15)	In:2A、4A、6A、8A、10A、16A、20A、25A、32A(500VAC);	500VAC/	100kA (500VAC)/
	In: 2A、4A、6A、8A、10A、16A (690VAC)	690VAC	50kA (690VAC)
RT58-63(RO16)	In:2A、4A、6A、8A、10A、12A、16A、20A、25A、32A、40A、50A、63A(500VAC);	500VAC/	100kA (500VAC)/
	In:2A、4A、6A、8A、10A、12A、16A、20A、25A、32A (690VAC)	690VAC	50kA (690VAC)
RT58-125(RO17)	In: 10A、16A、20A、25A、32A、40A、50A、63A、80A、100A、125A (500VAC)	500VAC/	100kA (500VAC)/
	In: 10A、16A、20A、25A、32A、40A、50A (690VAC)	690VAC	50kA (690VAC)

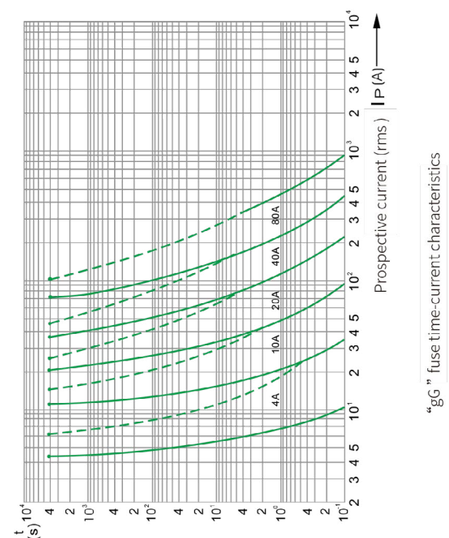
Item	Size	Model No.	Rated voltage	Drawing
Cylindrical cap fuse	10×38mm	500VAC/	500V/ 690VAC	
	14×51mm	690VAC	500V/ 690VAC	
	I22×58mm	500VAC/	500V/ 690VAC	



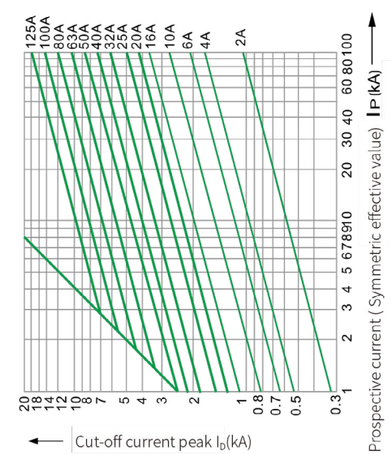
"gG" fuse time-current characteristics



"gG" fuse time-current characteristics



"gG" fuse time-current characteristics



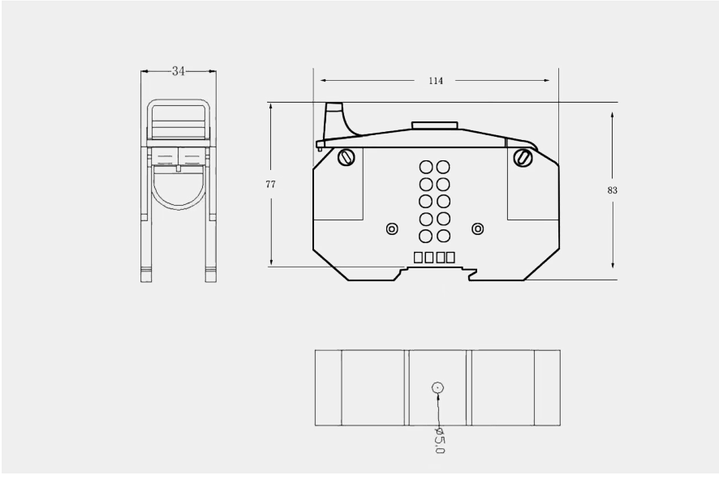
"gG"fuse link cut-off current characteristic curve

RT58（R017）series fuses base

Technical parameters

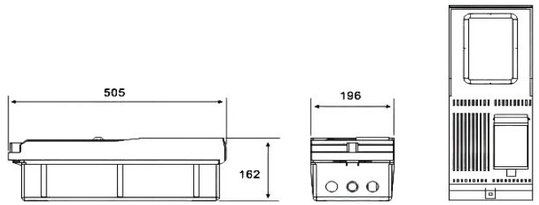
Mounting method	DINrail installation
Wiring range	4-50mm²
Fuse size	22*58
Rated operational current Ie	125A
Rated operational voltageUe	400V/690V
Rated Insulation Voltage Ui	800V
Rated impulse withstand voltage Uimp	6 kV
Break capacity (with fuse link)	100kA(500VAC)/50kA(690VAC)
Utilization category	AC-20B
IP Degree	IP20
Reference standard	IEC 60269-2, GB/T 13539.2

Product Shape Installation Dimensions



Single phase meter box dimension

Model Code	G.W.(kg)	Qty/Carton	Transparent windowDinension
Mechanical meter 2P	3.2	1	18.5*12.5cm
Intellectualized meter 2P	3.15	1	21*15.5cm



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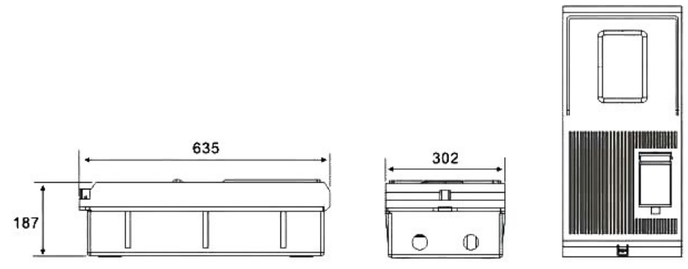
Three phase meter box dimension

Model Code	G.W.(kg)	Qty/Carton	Transparent windowDinension
Mechanical meter 4P	5.12	1	18.5*12.5cm
Intellectualized meter 4P	5.06	1	21*15.5cm