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Apparecchi di Protezione e di Comando

Protection and Control Equipment

RYM9 MCB 6 KA

Interruttori Magnetotermici

Circuit Breaker

IEC60898-1, GB10963.1

Caratteristiche elettriche Electrical Characteristics

Poli Poles	Corrente Nominale Operated Current (In)	Tensione Nominale Operated Voltage (Ue)	Tensione Isolamento Insulation Voltage (Ui)	Frequenza Rated frequency	Tensione Prova dielettrica Dielectric test voltage	Tipo Intervento Trip method
1P、2P、3P、4P	1~63A	240/415V	500V	50/60Hz	2000V/1min	Magnetotermico Thermal magnetic

Tensione di resistenza agli impulsi Impulse withstand voltage (Uimp)	Potere di Interruzione Breaking Capacity (Icn)	Potere di Interruzione operativo Operat. Breaking Capacity (Icn)	Caratteristica di rilascio termo-magnetico Thermo-magnetic release characteristic		
			B:(3~5)In	C:(5~10)In	D:(10~16)In
4kV	6kA	6kA	■	■	■

Proprietà meccaniche Mechanical properties

Vita Elettrica Electric life		Classe di Protezione Protection class	
240/h(≤below 32A)	120/h (>32A)	Direct install	Installed in distribution box
10000 (≤20A)	6000 (>20A)	Ip20	Ip40

Altre caratteristiche Other characteristics

Dimensione del cablaggio Wiring size		Indicazione Stato Contatti Contact Status Indication	Assemblabile Assemblable	Circuit identification
Filo Wire	Terminali Terminals			
1-25mm²	1-16mm²	■	■	■

RYM9H MCB 10 kA

Interruttori Magnetotermici

Circuit Breaker

IEC60898-1, GB10963.1

Caratteristiche elettriche Electrical Characteristics

Poli Poles	Corrente Nominale Operated Current (In)	Tensione Nominale Operated Voltage (Ue)	Tensione Isolamento Insulation Voltage (Ui)	Frequenza Rated frequency	Tensione Prova dielettrica Dielectric test voltage	Tipo Intervento Trip method
1P、2P、3P、4P	1~ 125 A	240/415V	500V	50/60Hz	2000V/1min	Magnetotermico Thermal magnetic

Tensione di resistenza agli impulsi Impulse withstand voltage (Uimp)	Potere di Interruzione Breaking Capacity (Icn)	Potere di Interruzione operativo Operat. Breaking Capacity (Icn)	Caratteristica di rilascio termo-magnetico Thermo-magnetic release characteristic		
			B:(3~5)In	C:(5~10)In	D:(10~16)In
4kV	10kA	7.5kA	■	■	■

Proprietà meccaniche Mechanical properties

Vita Elettrica Electric life		Classe di Protezione Protection class	
240/h(≤below 32A)	120/h (>32A)	Direct install	Installed in distribution box
10000 (≤20A)	6000 (>20A)	Ip20	Ip40

Altre caratteristiche Other characteristics

Dimensione del cablaggio Wiring size		Indicazione Stato Contatti Contact Status Indication	Assemblabile Assemblable	Circuit identification
Filo Wire	Terminali Terminals			
1-25mm²	1-16mm²	■	■	■

RYR9N RCBO 6kA

Interruttori Magnetotermici Differenziali

Current-Operated Circuit Breaker

IEC61009-1, GB/T16917.1

Parametri tecnici Technical Parameter

Caratteristiche elettriche Electrical Characteristics

Classification		Protection type		Poli Poles	Corrente Nominale Rated current (In)	Sensibilità Sensitivity (I△n)	Reazione Istantanea Instantaneous reaction	Tensione Nominale Rated voltage (Ue)
AC	A	ELE	ELM					
■	■	■	■	1P+N 3P+N	6、10、16、20、25、32、40A、63	30、300mA	■	240V~

Tensione Isolamento Insulation Voltage (Ui)	Frequenza frequency	Rated impulse withstand voltage (Uimp)	Rated residual making and breaking capacity I△m	rated residual connecting and breaking capacity Inc=I△c	Rated residual non-operating current	Tempo di Interruzione Break time		
						Residual current I△=1I△n	Residual current I△=2I△n	Residual current I△=5I△n
500V	50/60Hz	4kV	500A	6kA	0.5I△n	0.1s	0.08s	0.04s

Proprietà meccaniche Mechanical properties

Vita Elettrica Electric life		Classe di Protezione Protection class		Connessione Connection
240/h(≤below 32A)	120/h (>32A)	Direct install	Installed in distribution box	
10000 (≤20A)	6000 (>20A)	Ip20	Ip40	Top and bottom(ELM) Top line(ELE)

Altre caratteristiche Other characteristics

Dimensione del cablaggio Wiring size		Indicazione Stato Contatti Contact Status Indication	Assemblabile Assemblable	Circuit identification
Filo Wire	Terminali Terminals			
1-25mm²	1-16mm²	■	■	■

RYR10N RCBO 6kA

Interruttori Magnetotermici Differenziali

1P+N 1DIN

Current-Operated Circuit Breaker

Parametri tecnici Technical Parameter

Caratteristiche elettriche Electrical Characteristics

Classification		Protection type		Poli Poles	Corrente Nominale Rated current (In)	Sensibilità Sensitivity (I△n)	Reazione Istantanea Instantaneous reaction	Tensione Nominale Rated voltage (Ue)
AC	A	ELE	ELM					
■	■	■	■	1P+N	6、10、16、20、25、32、40A	30、300mA	■	240V~

Tensione Isolamento Insulation Voltage (Ui)	Frequenza frequency	Rated impulse withstand voltage (Uimp)	Rated residual making and breaking capacity I△m	rated residual connecting and breaking capacity Inc=I△c	Rated residual non-operating current	Tempo di Interruzione Break time		
						Residual current I△=1I△n	Residual current I△=2I△n	Residual current I△=5I△n
500V	50/60Hz	4kV	500A	6kA	0.5I△n	0.1s	0.08s	0.04s

RYL10 RCCB 6kA

INTERRUTTORI DIFFERENZIALI PURI

Leakage Circuit Breaker

IEC61008-1,GB16916.1

Parametri tecnici Technical Parameter

Caratteristiche elettriche Electrical Characteristics

Classificazione Classification		Protezione Protection type		Poli Poles	Corrente Nominale Rated current (In)	Sensibilità Sensitivity (I△n)	Sensibilità Sensitivity		Tensione Nominale Rated voltage (Ue)
AC	A	ELE	ELM				Instantaneous	Delayed	
■	■	■	■	1P+N 3P+N	25、40、63、80A、100	30、300mA	■	■	1P+N:240V~ 3P+N:415V~

Tensione Isolamento Insulation Voltage (Ui)	Frequenza frequency	Rated impulse withstand voltage (Uimp)	Rated residual making and breaking capacity I△m	Short-circuit current Inc=I△c	Rated residual non-operating current	Tempo di Interruzione Break time		
						Residual current I△=1I△n	Residual current I△=2I△n	Residual current I△=5I△n
500V	50/60Hz	4kV	500A (below 63A) 10In(63A and above)	6 kA	0.5I△n	0.1s	0.08s	0.04s

Proprietà meccaniche Mechanical properties

Vita Elettrica Electric life	Classe di Protezione Protection class		Connessione Connection
	Direct install	Installed in distribution box	
4000	Ip20	Ip40	Top and bottom(ELM) Top line(ELE)

Altre caratteristiche Other characteristics

Dimensione del cablaggio Wiring size		Indicazione Stato Contatti Contact Status Indication	Assemblabile Assemblable	Circuit identification
Filo Wire	Terminali Terminals			
1-35 mm²	1-25 mm²	■	■	■

RYL9M RCCB 10kA

INTERRUTTORI DIFFERENZIALI PURI

Leakage Circuit Breaker

IEC61008-1,GB16916.1

Parametri tecnici Technical Parameter

Caratteristiche elettriche Electrical Characteristics

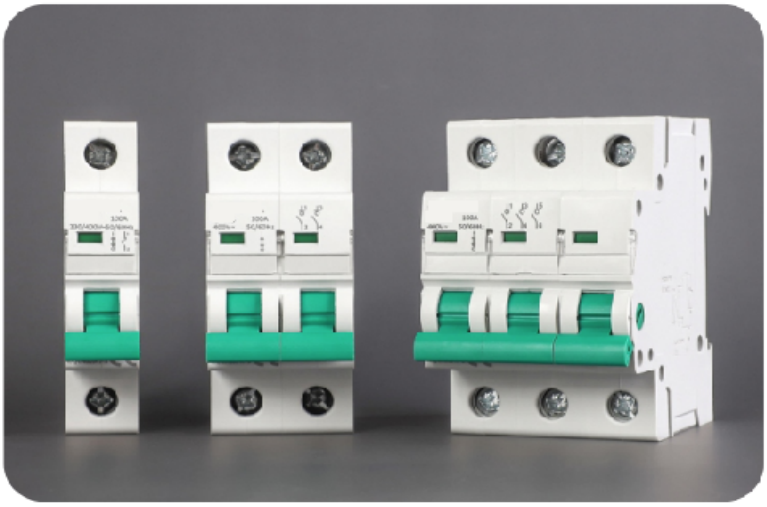
Classificazione Classification		Protezione Protection type		Poli Poles	Corrente Nominale Rated current (In)	Sensibilità Sensitivity (I△n)	Sensibilità Sensitivity		Tensione Nominale Rated voltage (Ue)
AC	A	ELE	ELM				Instantaneous	Delayed	
■	■	■	■	1P+N 3P+N	25、40、63、80A、100	30、300mA	■	■	1P+N:240V~ 3P+N:415V~

Tensione Isolamento Insulation Voltage (Ui)	Frequenza frequency	Rated impulse withstand voltage (Uimp)	Rated residual making and breaking capacity I△m	Short-circuit current Inc=I△c	Rated residual non-operating current	Tempo di Interruzione Break time		
						Residual current I△=1I△n	Residual current I△=2I△n	Residual current I△=5I△n
500V	50/60Hz	4kV	500A (below 63A) 10In(63A and above)	10 kA	0.5I△n	0.1s	0.08s	0.04s

RYH8

SEZIONATORI

Isolating Circuit Breaker



IEC60947-3

Parametri tecnici Technical Parameter

Caratteristiche elettriche Electrical Characteristics

Poli Poles	**Corrente Nominale** Rated current (In)	**Tensione Nominale** Rated voltage (Ue)	**Tensione d'isolamento** Rated insulation voltage (Ui)	**Frequenza** frequency	**Tensione prova dielettrica** Dielectric test voltage
1P、2P 3P、4P	32、63、80 100、125A	240/415V	690V	50/60Hz	2000V/1min

Tensione nominale Resistenza agli impulsi Rated impulse withstand voltage (Uimp)	**Capacità nominale produzione a breve termine** Rated short-time making capacity(Icm)	**Corrente nominale breve durata** Rated short-time withstand current (IcW)	**Categoria d'impiego** Use category
6kV	20Ie/1s	12Ie/1s	AC-22A

Caratteristiche characteristics

Dimensione del cablaggio Wiring size		**Indicazione Stato Contatti** Contact Status Indication	Protection class		Circuit identification
Filo Wire	**Terminali** Terminals		Direct install	Installed in distribution box	
1-50mm²	1-35mm²	■	Ip20	Ip40	■

RLC1

Contattori

Industrial AC Contactors

Parametri Tecnici Technical Parameter

Modello Contactor model		RLC1-09	RLC1-12	RLC1-18	RLC1-25	RLC132	RLC1-40	RLC1-50	RLC1-65	RLC1-80	RLC1-95
Tensione nominale di isolamento Rated insulation voltage		690									
Corrente termica convenzionale Conventional thermal current (Lth)		20	20	32	40	50	60	80	80	100	100
Corrente di lavoro Rated working current (Ie)	380V,AC-3	9	12	18	25	32	40	50	65	80	95
	380V,AC-4	3.5	5	7.7	8.5	12	18.5	24	28	37	44
	660V,AC-3	6.6	8.9	10.6	18	21	34	39	42	49	49
	660V,AC-4	1.5	2	3.8	4.4	7.5	9	12	14	17.3	21.3
Potenza di lavoro Rated working power (Pe)	380V,AC-3	4	5.5	7.5	11	15	18.5	22	30	37	45
	380V,AC-4	1.5	2.2	3	4	5	7.5	11	15	18.5	22
	660V,AC-3	5.5	7.5	9	15	18.5	30	33	37	45	45
	660V,AC-4	1.1	1.5	1.4	4	5.5	7.5	11	11	15	18.5

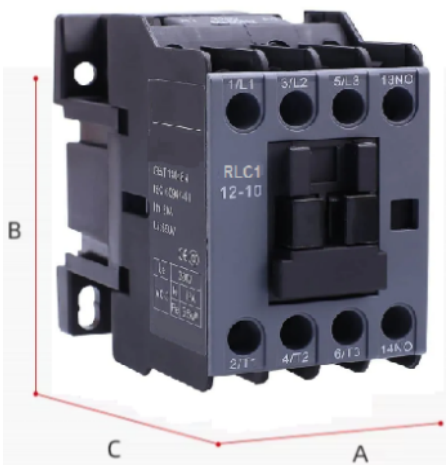
ACCESSORI ACCESSORIES

FG1	Coperchio antipolvere	Dust Cover
F1/FC1	Contatto ausiliario	Auxiliary Contact
FJ1	Blocco meccanico	Mechanical Interlock

DIMENSIONI DIMENSIONS

Unit:mm

Type	09	12	18	25	32	40	50	65	80	95
A	47	47	47	58	58	79	79	79	87	87
B	76	76	76	86	86	128	128	128	128	128
C	86	86	91	98	102	119	119	119	127	127



RLC1M

Mini Contattori

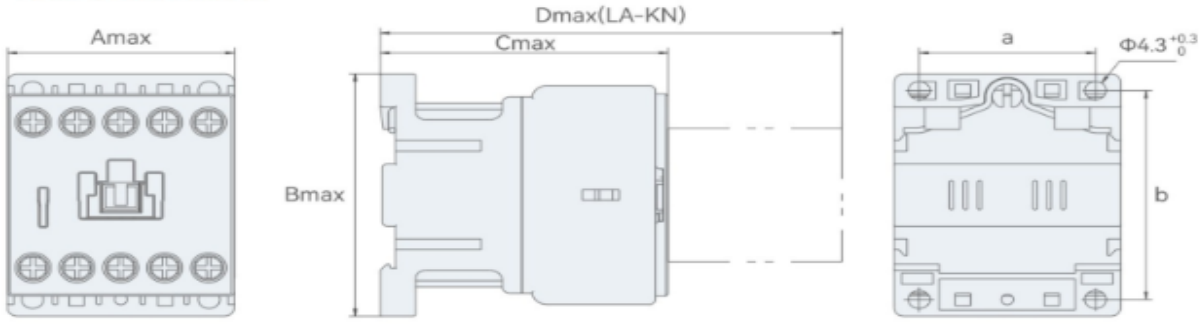
AC Mini Contactors

Parametri Tecnici Technical Parameter

IEC60947-160947-4-1

Modello Contactor model			RLC1M-06	RLC1M-09	RLC1M-12	RLC1M-16
Poli Number of poles			3P/4P	3P/4P	3P/4P	3P/4P
Corrente Operativa Rated working current (Ie) AC-3	220/230V	A	6	9	12	16
	380/400V	A	6	9	12	16
	660/690V	A	3.8	4.9	4.9	4.9
Corrente Operativa Rated working current (Ie) AC-4	220/230V	A	2.6	3.5	5	5
	380/400V	A	2.6	35	5	5
	660/690V	A	1	1.5	2	2
Tens.Oper. Rated working voltage (Ue)		V	220V/230V、380V/400V、660V/690V			
Potenza Operativa Rated working power (Pe) AC-3	220/230V	kW	1.5	2.2	3	4
	380/400V	kW	2.2	4	5.5	7.5
	6601690V	kW	3	4	4	4
Potenza Operativa Rated working power (Pe) AC-4	220/230V	kW	0.55	0.75	1.1	1.1
	380/400V	kW	1.1	1.5	2.2	2.2
	660/690V	kW	0.75	1.1	1.5	1.5
Agreed heating current (Ith)	θ≤40°C	A	20			
Rated making capacity (380V)	Complies with IEC60947		10xIe (AC-3 usage category); 12xIe (AC-4 usage category)			
Rated breaking capacity (380V)	GB14048 standard		8x I e (AC-3 usage category); 10xIe (AC-4 usage category)			
Short time withstand current	10s	A	80	80	100	100
Short circuit protection	No thermal overload relay fuse gG		25			
Electrical lifespan (380V)	AC-3	10000 times	120			
	AC-4	10000 times	2			
Built in auxiliary contact module			The contactor is equipped with one normally open or normally closed contact			
Current suppressor module			Can be equipped with built-in resistance and capacitance circuits			
Applicable manual overload relay		A	0.11-16			

Dimensioni Dimensions



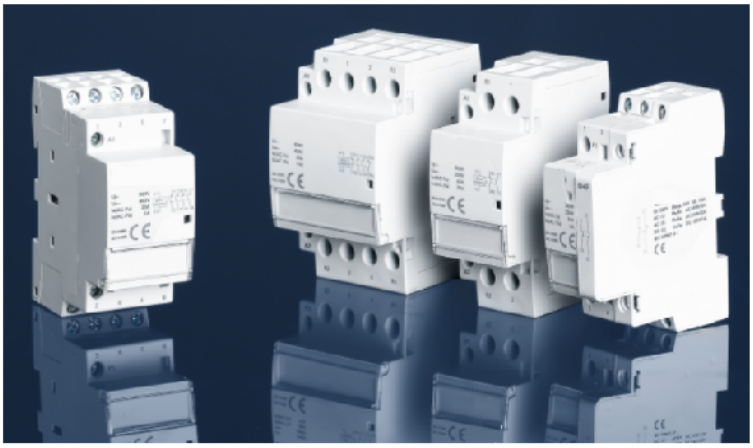
RYC1M

Model specifications	Amax	Bmax	Cmax	Dmax	a	b
06M~16M	45.5	58.5	57.5	92	35	50

1RMC

Contattori Modulari

Modular Contactor



1RMC	1	16	10	230
	2	3	4	5	6

2 **Poli** **Poles**

3 **Corrente** **Current**

16A - 20A - 25A - 32A - 40A - 63A

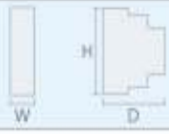
4 **Tipo Contatto** **Contactor Type**

1P 10:1NO 01:1NC
2P 20:2NO 02:2NC 11:1NO+1NC
3P 30:3NO 03:3NC
4P 40:4NO 04:4NC 31:3NO+1NC 22:2NO+2NC

5 **Tensione Controllo** **Control Voltage**

24VAC-48VAC-110VAC-230VAC-12VDC-24VDC

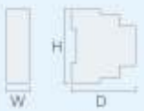
6 **Circuito Controllo DC** **DC Control Circuit**

Dimensioni Dimensions		16/20/25A		32/40/63A	
		2P	4P	2P	4P
	W(mm)	18	36	36	54
	D(mm)	68	68	68	68
	H(mm)	81	81	85	85

Accessori Accessories

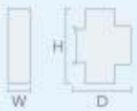
O + F

L'accessorio viene utilizzato per indicare lo stato ON o OFF del contatto principale del contattore
The attachment is used to indicate the ON or OFF state of the contactor's main contact

Dimensioni Dimensions		
	W(mm)	9
	D(mm)	68
	H(mm)	81

1RMC….- G

Viene utilizzato per l'installazione su entrambi i lati dei contattori, favorendo la dissipazione del calore del contattore.
It is used to install on both sides of the contactors, which is good for the heat dissipation of the contactor

Dimensioni Dimensions		
	W(mm)	9
	D(mm)	68
	H(mm)	85

RYCM8 MCCB

Interruttore automatico scatolato

Moulded Case Circuit Breaker

Modello e definizione del prodotto **Product model and definition**

RYCM8 -	160	M	P1
	Corrente Current	Capacità di interruzione del cortocircuito Shortcircuit breaking capacity code	Codice Operativo Operation code
	125 160 250 400 630 800 1250 1600 2000	C: Basic type S: Standard type M: Higher breaking type H: High breaking type Note: 400,630,800,1250,2000A only available for M and H types	No code: funzionamento diretto direct operation P1: DC3 funzionamento elettrico electric operation P2: DC6 funzionamento elettrico in serie series electric operation ZY1: Impugnatura rotante (tipo manuale centrale - impugnatura circolare) Rotating handle (manual center type - circular handle) ZF1: Impugnatura rotante (tipo manuale centrale - impugnatura quadrata) Rotating handle (manual center type - square handle) ZY2: Impugnatura rotante (impugnatura circolare eccentrica azionata a mano) Rotating handle (hand operated eccentric circular handle) ZF2: Maniglia rotante (maniglia quadrata eccentrica manuale) Rotating handle (manual eccentric square handle) Z3: Maniglia girevole (integrata a mano) Rotating handle (hand operated integrated)

4	3	2	2
Numero Poli Pole number	Metodo di rilascio Release method	Uso Use	Prodotto quadrupolo Quadripole product
1 : 1pole 2 : 2poles 3 : 3poles 4 : 4poles	2: Solo rilascio elettromagnetico Only electromagnetic release 3: Rilascio termico+elettromagnet. Thermal+electromagn.release	No code: per protezione della distribuzione for distribution protection 2: Per la protezione motore For motor protection	A: Il polo N non è dotato di sganciatore di sovracorrente ed è sempre collegato The N-pole is not equipped with an overcurrent release, and it is always connected B: Il polo N non è dotato di sganciatore di sovracorrente e viene aperto e chiuso insieme agli altri 3poli The N-pole is not equipped with an overcurrent release and it is opened and closed together with the other 3 poles C: Installare uno sganciatore di sovracorrente sul polo N e verrà combinato e scollegato insieme agli altri 3 poli Install an overcurrent release on the N-pole, and the N-pole will be combined and disconnected with the other 3 poles D: Installare uno sganciatore di sovracorrente sul polo N e assicurarsi che sia sempre collegato Install an overcurrent release on the N- pole and ensure that it is always connected

		RYCM8-125				RYCM8-160			
		10A、16A、20A、25A、32A、40A、50A、63A、80A、100A、125A				10A、16A、20A、25A、32A、40A、50A、63A、80A、100A、125A、140A、160A			
Short circuit breaking capacity code:		C	S	M	H	C	S	M	H
Poli Number of poles:		1P , 2P , 3P, 4P				2P , 3P , 4P			
Tensione nom. lavoro Rated working voltage Ue (V), AC:		AC230V AC400V AC690V	AC230V AC400V AC690V	AC230V(1P) ; AC400V(2P/3P/4P)	AC230V(1P) ; AC400V(2P/3P/4P)	AC230V AC400V AC690V	AC230V; AC400V; AC690V	AC230V AC400V AC690V	AC230V AC400V AC690V
Tensione nom. isolamento Rated insulation voltage Ui (V):		1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Tens.nom.resistenza impulsi Rated impulse withstand voltage Uimp (kV):		8kV	8kV	8kV	8kV	8kV	8kV	8kV	8kV
Rated operating short-circuit segmentation capacity Ics(%Icu):	AC230V:	5kA	15kA	35kA (3P/4P)	50kA	7kA	10kA	25kA	35kA
	AC400V:	5kA	13kA(3P/4P)	18kA(2P/3P/4P)	50kA	10kA	13kA;	18kA	35kA (2P) 50kA (3P/4P)
	AC690V:	3kA	3kA(3P/4P)	5kA(3p/4P)	8kA	2kA	3kA	5kA	10kA
Rated ultimate short-circuit segmentation capacity Icu (kA) :	AC230V:	8kA	30kA	36kA (1P) 50kA (3P/4P)	50kA	10kA	20kA	30kA	50kA
	AC400V:	8kA	25kA(3p/4P)	36kA(2P/3P/4P)	50kA	15kA	25kA	36kA	50kA
	AC690V:	5kA	6kA(3p/4P)	10kA(3p/4P)	15kA	8kA	6kA	10kA	15kA
Selective categories:		Class A							
Type of overcurrent release:		Tipo termomagnetico Thermomagnetic type							

				Shell level current				
	poles Number	1P	2P	3P	4P	2P	3P	4P
External dimensions	wide	25	50	75	100	60	90	120
(mm)width (W)*Length (L)*height(H)	length	130	130	130	130	155	155	155
	height/ Face cover	68	68	68	68	68/82	68/82	68/82
	height/ Handle	94.5	94.5	94.5	94.5	94/108	94/108	94/108

		RYCM8-250				RYCM8-400			RYCM8-630	
Corrente (In) Current		100A,125A.140A.160A,180A,200A,225A,250A				250A、315A、350A、400A			500A、630A	
Short circuit breaking capacity code:		C	S	M	H	S	M	H	M	H
Number of poles:		3P；4P				3P；4P			3P；4P	
Rated working voltage Ue (V), AC:		AC230V AC400V AC690V	AC230V; AC400V; AC690V	AC230V AC400V AC690V	AC230V AC400V AC690V	AC230V AC400V AC690V	AC230V AC400V AC690V	AC230V AC400V AC690V	AC230V AC400V AC690V	AC230V AC400V AC690V
Rated insulation voltage Ui (V):		1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Rated impulse withstand voltage Uimp (kV):		8kV	8kV	8kV	8kV	8kV	8kV	8kV	8kV	8kV
Rated operating short-circuit segmentation capacity Ics(%Icu):	AC230V:	20kA	25kA	40kA	50kA	25kA	40kA	50kA	20kA	30kA
	AC400V:	10kA	15kA	35kA	50kA	15kA	35kA	65kA	35kA	65kA
	AC690V:	3kA	4kA	10kA	15kA	4kA	10kA	12kA	5kA	30kA
Rated ultimate short-circuit segmentation capacity Icu（kA）:	AC230V:	30kA	50kA	65kA	70kA	50kA	65kA	70kA	30kA	50kA
	AC400V:	15kA	30kA	50kA	65kA	30kA	50kA	65kA	50kA	65kA
	AC690V:	5kA	8kA	15kA	20kA	8kA	20kA	25kA	10kA	20kA
Selective categories:		Class A								
Type of overcurrent release:		Thermomagnetic type								
External dimensions (mm)width (W)*Length (L)*height(H)	Shell level current									
	poles Number	3P		4P		3P	4P		3P	4P
	wide	105		140		140	184		140	184
	length	165		165		257	257		257	257
	height/ Face cover	68	88	68	88	103	103		103	103
	height/ Handle	96	116	96	116	152	152		152	152

INTERRUTTORI SALVAMOTORI MAGNETOTERMICI

MOTOR PROTECTION CIRCUIT BREAKER

MPCB

Parametri Tecnici — Main technical parameters

Tensione isolamento Rated insulation voltage Ui(V): 690
Tensione operativa Rated work voltage Ue(V): 230/240、400/415、440、550、690
Frequenza Rated frequency Hz: 50/60

La caratteristica della protezione contro le sovracorrenti
The characteristic of over-current action protection

Corrente Rated current In(A)	Soglia di regolazione Adjusting rage of commuting current (A)	Capacità interr. per il cortocircuito limite nominale The cutting capacity for rated limit short circuit Icu				Capacità interr. per il cortocircuito operaivo nominale The cutting capacity for rated work short circuit Ics						Distanza archi The distance of arcs (mm)
		230/240V		400/415V		440V		500V		690V		
		Icu(kA)	Ics(kA)	Icu(kA)	Ics(kA)	Icu(kA)	Ics(kA)	Icu(kA)	Ics(kA)	Icu(kA)	Ics(kA)	
0.16	0.10–0.16	100	100	100	100	100	100	100	100	100	100	40
0.25	0.16–0.25	100	100	100	100	100	100	100	100	100	100	40
0.4	0.25–0.4	100	100	100	100	100	100	100	100	100	100	40
0.63	0.4–0.63	100	100	100	100	100	100	100	100	100	100	40
1	0.63–1	100	100	100	100	100	100	100	100	100	100	40
1.6	1–1.6	100	100	100	100	100	100	100	100	100	100	40
2.5	1.6–2.5	100	100	100	100	100	100	100	100	3	2.25	40
4	2.5–4	100	100	100	100	100	100	100	100	3	2.25	40
6.3	4–6.3	100	100	100	100	50	50	50	50	3	2.25	40
10	6–10	100	100	100	100	15	15	10	10	3	2.25	40
14	9–14	100	100	15	7.5	8	4	6	4.5	3	2.25	40
18	13–18	100	100	15	7.5	8	4	6	4.5	3	2.25	40
23	17–23	50	50	15	6	6	3	4	3	3	2.25	40
25	20–25	50	50	15	6	6	3	4	3	3	2.25	40
32	24–32	50	50	10	5	6	3	4	3	3	2.25	40

1RAOSP9-C40 AC

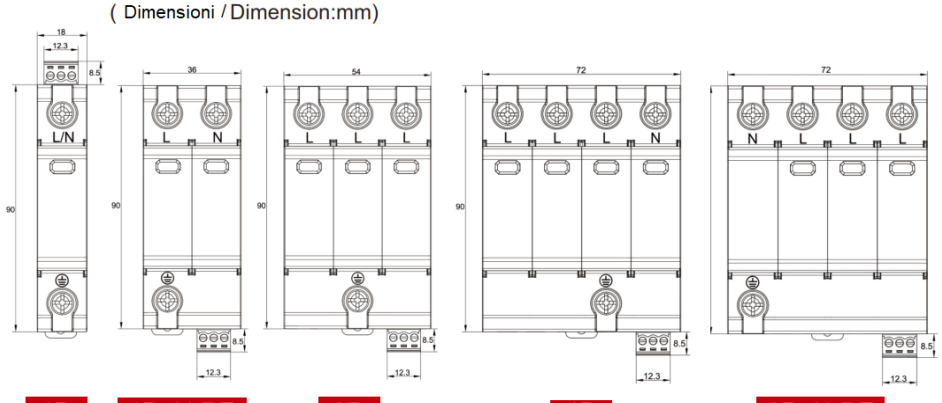
Scaricatori Sovratensione

Surge Protective Device

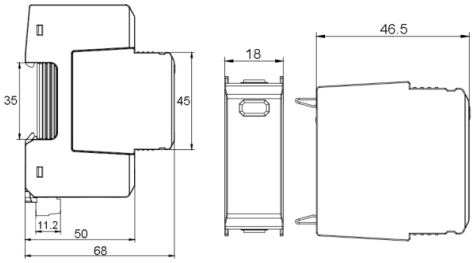
Parametri Tecnici / Technical Parameter

Norme Rif / Standards	IEC/EN 61643-11;GB18802.11
Tipo SPD / SPD Type	T1+T2/ClassI+ClassII
Tensione AC max di funzionamento / Max Ac Operating Voltage (Uc)	275V/385V AC
Corrente di scarica nominale / Nominal discharge current (8/20us)	20kA
Corrente di scarica Max / Max discharge current (8/20us)	40kA
Corrente di guasto / Limp Current (10/350us)	5kA
Livello Protezione Tensione / Voltage Protection Level (Up)	⩽ 1.5kV(275V AC) ⩽ 1.8kV(385V AC)
Tempo di risposta / Response time (Ta)	25ns
Poli / Poles	1P 2P 3P 4P 1P+N-PE 3P+N-PE
Fusibile o interruttore automatico abbinato / Matched fuse or circuit breaker	32A
Specifiche del filo di collegamento / Connection wire specification	$4mm^2$(L/N);$6mm^2$(PE)
Montaggio / Mounting	35mm Din Rail
Tipo di contatto di segnalazione a distanza (opzionale) Type of remote signaling contact (optional)	C+NC: Normalmente chiuso / Normally closed C+NC:Normalmente aperto / Normally open C: Contatto comune / Common contact
Tensione/corrente max per la segnalazione a distanza/Max voltage/current for remote signaling	1A/2A/3A 125V AC
Fili per la segnalazione a distanza / Wiring for remote signaling	$1.5mm^2$ max.
Materiale della calotta / Shell Material	UL94-V0 fireproof material

(Dimensioni / Dimension:mm)



1P | 1P+N-PE 2P | 3P | 4P | 3P+N-PE



1RAOGSP9-C40 DC

Scaricatori Sovratensione

Surge Protective Device

Parametri Tecnici / Technical Parameter

Tipo SPD / SPD Type	T1+T2/ClassI+ClassII	
Tensione AC max di funzionamento / Max Ac Operating Voltage (Uc)	600V DC	1000V - 1500V DC
Corrente di scarica nominale / Nominal discharge current (8/20us)	20kA	
Corrente di scarica Max / Max discharge current (8/20us)	40kA	
Corrente di guasto / Limp Current (10/350us)	5kA	
Livello Protezione Tensione / Voltage Protection Level (Up)	⩽ 1.5kV(275V AC) ⩽ 1.8kV(385V AC)	
Tempo di risposta / Response time (Ta)	25ns	
Poli / Poles	2P	2P/3P
Fusibile o interruttore automatico abbinato / Matched fuse or circuit breaker	32A	
Specifiche del filo di collegamento / Connection wire specification	$4mm^2$(L/N);$6mm^2$(PE)	
Montaggio / Mounting	35mm Din Rail	
Tipo di contatto di segnalazione a distanza (opzionale) Type of remote signaling contact (optional)	C+NC: Normalmente chiuso / Normally closed C+NC:Normalmente aperto / Normally open C: Contatto comune / Common contact	
Tensione/corrente max per la segnalazione a distanza/Max voltage/current for remote signaling	1A/2A/3A 125V AC	

Fusibili e Portafusibili

Fuse and Fuse Base

Fusibile Fuse

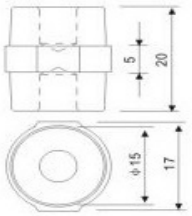
RF15 Cilindrical fuse links ø10x38mm 32A 500V gG
RF16 Cilindrical fuse links ø14X51mm 50A 500V gG
RF17 Cilindrical fuse links ø22X58mm 125A 500V gG

Portafusibile Fuse Base

RFB15 Fuse base for fuse ø10x38mm, 3P+N
RFB16 Fuse base for fuse ø14x51mm, 3P+N
RFB17 Fuse base for fuse ø22x58mm, 3P+N

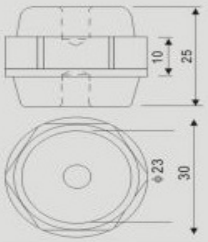
Isolatori

Isolators



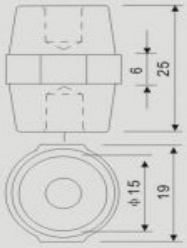
RINS-20

(LBS)	300
(KV)	5
(FT LBS)	4
(mm)	6
(mm)	7
(daN)	80



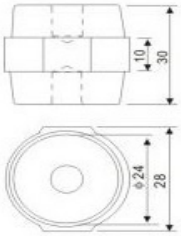
RINS-25/30

Tensile strength (LBS)	300
Voltage Withstand (KV)	6
Torgue Strenght (FT LBS)	6
Screw (mm)	6 (8)
Screw depth (mm)	9
Flexural strength (daN)	300



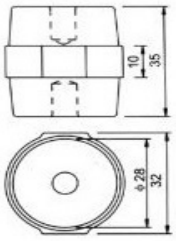
RINS-25/19

Tensile strength (LBS)	400
Voltage Withstand (KV)	6
Torgue Strenght (FT LBS)	5
Screw (mm)	6
Screw depth (mm)	8
Flexural strength (daN)	200



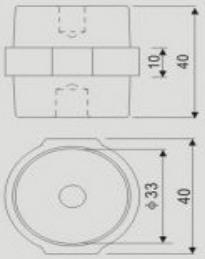
RINS-30/28

Tensile strength (LBS)	550
Voltage Withstand (KV)	8
Torgue Strenght (FT LBS)	8
Screw (mm)	6
Screw depth (mm)	11
Flexural strength (daN)	450



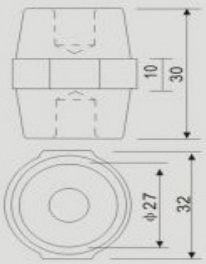
RINS-35

Tensile strength (LBS)	600
Voltage Withstand (KV)	10
Torgue Strenght (FT LBS)	10
Screw (mm)	8
Screw depth (mm)	11
Flexural strength (daN)	700



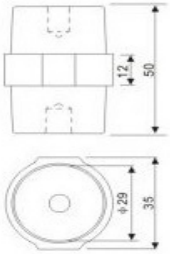
RINS-40

Tensile strength (LBS)	650
Voltage Withstand (KV)	12
Torgue Strenght (FT LBS)	12
Screw (mm)	6(8)(10)
Screw depth (mm)	11
Flexural strength (daN)	750



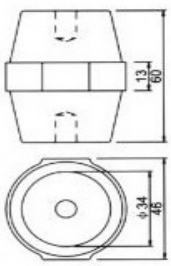
RINS-30/32

Tensile strength (LBS)	550
Voltage Withstand (KV)	8
Torgue Strenght (FT LBS)	8
Screw (mm)	6 (8)
Screw depth (mm)	11
Flexural strength (daN)	450



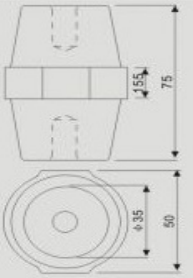
RINS-50

Tensile strength (LBS)	1000
Voltage Withstand (KV)	15
Torgue Strenght (FT LBS)	20
Screw (mm)	6(8)(10)
Screw depth (mm)	11
Flexural strength (daN)	750



RINS-60

Tensile strength (LBS)	1200
Voltage Withstand (KV)	20
Torgue Strenght (FT LBS)	35
Screw (mm)	8 (10)
Screw depth (mm)	15
Flexural strength (daN)	800



RINS-80

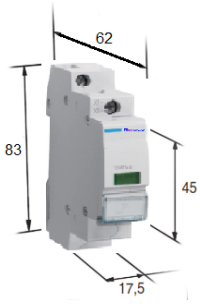
Tensile strength (LBS)	1500
Voltage Withstand (KV)	25
Torgue Strenght (FT LBS)	40
Screw (mm)	10
Screw depth (mm)	15
Flexural strength (daN)	1200

Segnalatore Luminoso Led Modulare

Modular Led Light Signal

Parametri Tecnici / Technical Parameter

Tensione di isolamento nominale / Rated insulation voltage (Ui)	250 V
Tensione nominale di tenuta d'impulso /Rated impulse withstand voltage (Uimp)	2000 V
Tensione nominale d'impiego / Rated operating voltage (CA)	12 - 48 V
Alimentazione / Power Supply	AC/DC
Frequenza / Frequency	50 - 60 Hz
Classe di protezione dall'ingresso / Input protection class (IP)	IP20
Potenza dissipata totale / Total power dissipation	0,33 W
Sezione conduttore flessibile / Flexible conductor section	0.75 - 6 mm²
Sezione conduttore rigido / Rigid conductor section	0.75 - 10 mm²
tipo di attacco della lampada / Type of lamp socket	Fisso / Fix
Colori disponibili / Available Color	Verde,Rosso,Giallo,Blu,Bianco / Green,Red,Yellow,Blu,White



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