Solid state relays accessories

	General accessories			
Types	**RPM1**	**RPM1P**	**RPM1V**	**RPM2**
Dimensions HxWxD (mm)	84 x 12.5 x 42	84 x 12.5 x 42	84 x 12.5 x 42	82 x 25 x 39
Description	Din-rail adaptor for PCB relays. (Relay excluded)	Din-rail adaptor with sockets for plug-in PCB relays. (Relay excluded)	DIN-rail adaptor for PCB relays with LED and varistor across output terminals. (Relay excluded)	Din-rail adaptor for PCB relays with an operational voltage ≥ 230 V. (Relay excluded)
Pack Quantity	1	1	1	2
References				
	RPM1	RPM1P (no LED)	RPM1V	RPM2
		RPM1PD (with LED)		
Selection guide for SSR assemblies*				
	RP…M1	RP…M1P (no LED)	RP…M1V	RP…M2
		RP…M1PD (with LED)		
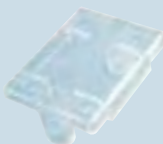
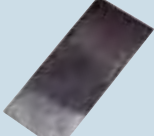|				
Types	**DIN Adaptor**	**DIN Adaptor RG**	**Protection cover RM**	**Protection cover RA**
Dimensions HxWxD (mm)	81 x 44 x 13.5	106 x 17.8 x 14	58 x 45 x 9	59 x 45 x 25.5
Description	DIN-rail adaptor for 1-phase SSR & heatsink assemblies. Integrated in heastink kits.	DIN-rail adaptor for RGS relays.	Clip-on IP20 protection Cover for RAM, RM, RS	Protection cover for RA and RD serie
Pack Quantity	1	1	20	25
References				
	RHS00	RGS1DIN	RMIP20	BBR
				BBR-S (for RA..S series)
Selection guide for SSR assemblies*				
	R…H8	RGS…DIN		
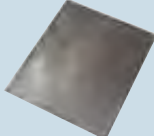
Types	**Thermal paste**	**Thermal pad RG**	**Thermal Pad RM, RA**	**Thermal pad RZ3**
Dimensions HxWxD (mm)		34.6 x 14 x 0.13	42 x 35 x 0.25	70 x 77 x 0.25
Description	2 ml syringe silicon based thermal compound	Graphite thermal pad for RG series	Graphite thermal pad for RA, RD, RM, RAM, RS series	Graphite thermal pad for RZ3 series
Pack Quantity	1	10	50	10
References				
	HTS02S	RGHT	KK071CUT	RZHT
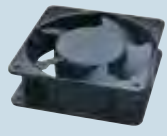
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Solid state relays accessories
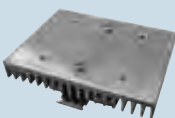
Types	Terminal Adaptors			
	RM fork terminal	**RM fork terminal IP20**	**RM FASTON terminals**	**RM spacers**
Dimensions HxWxD (mm)	35 x 16.5 x 25	35 x 16.5 x 29	4.8 / 6.3	M3 x 12
Description	RM, RS, RAM terminal adaptor for 16mm² and 35mm² cable	RM, RS, RAM terminal adaptor for 35mm² cable, IP20	Screw FASTON terminals, flat or 45° angled for output (6.3mm) and input (4.8mm) RM, RS, RAM terminals	Standoff spacer for RM, RS, RAM series M3 control terminals
Pack Quantity	10	10	20	20
References				
	RM625FK (16mm²)	**RM635FKP**	**RM48F0** (4.8mm, flat)	**RMSP03**
	RM635FK (35mm²)		**RM48F4** (4.8mm, 45°)	
			RM63F0 (6.3mm, flat)	
			RM63F4 (6.3mm, 45°)	

Types	**RG plug terminals**	**RG plug terminals**	**Overload Relay Adaptor**	**Varistors**
Description	2 pole spring loaded plug terminal, 2,5mm² for RG series	3 way, 2 pole box clamp plug terminal, 2,5mm² for RGCM3 series	Overload Relay Adaptor for REC and RGCM3 series	Surge / transient voltage protection for SSRs
Pack Quantity	10	10	5	10
References				
	RGM25	**RG3G25**	**REC3ADAPTOR**	275V: **RV02** 420V: **RV04**
				510V: **RV05** 625V: **RV06**
				680V: **RV07**

Types	**Cables**	**Fans**	**Screw Kits**	**Temperature limit switches**
Dimensions HxWxD (mm)		40 x 40 x 20 (RHSF40) 60 x 60 x 20 (RHSF60) 120 x 120 x 38 (RHS301F)		6.5 x 5.5 x 3
Description	Cable for RM1E...V, RA2A..C and RA...S models with one-end terminated with a female plug for mounting on the SSR	RHSF40-24 to be mounted with RHS45C, RHS45B, RHS540, RHS542 RHSF60-24/240 to be mounted with RHS90A, RHS112A, RHS703 RHS301F115/230 to be mounted with RHS301 incl. bracket	Screw kits for assembling SSRs to heatsinks. M5x10mm to be used with RA, RD, RM, RAM, RS and RZ3 series. M4x15mm used for RHS38AD heatsink. M5x23/30mm to be used with RG series.	Temperature limit switches that may be fitted in the RZ3 housing between SSR and heatsink
	1	1	20	1
References				
	RCS3-100-1 [RM1E..V]	**RHSF40-24** (24VDC)	**SRWKITM5X10MM**	**UP62-70**
	RCS4-100-1 [RA2A..C]	**RHSF60-24** (24VDC)	**SRWKITM4X15MM**	**UP62-80**
	RCS4-400-1 [RA2A..C]	**RHSF60-230** (240VAC)	**SRWKITM5X23MM**	**UP62-90**
	RCS5-200-1 [RA..S]	**RHS301F115** (115VAC)	**SRWKITM5X30MM**	
		RHS301F230 (230VAC)		

Solid state relays accessories

DIN mount heatsinks for solid state relays

Types	RHS300	RHS37A	RHS10015
Dimensions HxWxD (mm) (SSR not included)	105 x 82 x 20	18 x 110 x 52	100 x 82 x 29
Description	Heatsink for 1x 3-phase RZ3 series	Heatsink for 1x 1-phase RG series	Heatsink for max. 2x 1-phase RA, RD, RM, RAM, RS series
Thermal resistance**			
Without fan	5.40 °C/W (>30W)	4.00 °C/W (>20W)	4.00 °C/W (>30W)
With fan	Not available	Not available	Not available
Selection guide for heatsink assemblies*			
Without fan	**R…H1**	**R…H51**	**R…H47**
With fan	Not available	Not available	Not available

Types	RHS100	RHS45C	RHS52A
Dimensions HxWxD (mm) (SSR not included)	44 x 82 x 48	45 x 103 x 55	22.5 x 110 x 90
Description	Heatsink for 1x 1-phase RA, RD, RM, RAM, RS series	Heatsink for 1x 1-phase RA, RD, RM, RAM, RS series	Heatsink for 1x 1-phase RG series
Thermal resistance**			
Without fan	3.10 °C/W (>25W)	2.20 °C/W (>45W)	2.00 °C/W (>45W)
With fan	Not available	Not Available	Not Available
Selection guide for heatsink assemblies*			
Without fan	**R…H0**	**R…H15**	**R…H61**
With fan	Not available	Not available	Not available

Types	RHS45B	RHS54..	RHS703..
Dimensions HxWxD (mm) (SSR not included)	45 x 103 x 80	54 x 110 x 51 54 x 135 x 51 (with fan)	72 x 110 x 75 72 x 141 x 75 (with fan)
Description	Heatsink for 1x 1-phase RA, RD, RM, RAM, RS series	Heatsink for max. 3x 1-phase RG series, 1x 1-phase RA, RD, RM, RAM, RS series: RHS540 (no fan) RHS540F40-24 (24VDC fan) Heatsink for max. 2x 1-phase RG series: RHS542 (no fan) RHS542F40-24 (24VDC fan)	Heatsink for max. 3x 1-phase RG series, 1x 1-phase RA, RD, RM, RAM, RS series: RHS703 (no fan) RHS703F60-24 (24VDC fan) RHS703F60-230 (240VAC fan)
Thermal resistance**			
Without fan	1.85 °C/W (>50W)	1.85 °C/W (>60W)	1.10 °C/W (>60W)
With fan	Not Available	0.65 °C/W	0.37 °C/W
Selection guide for heatsink assemblies*			
Without fan	**R…H5**	**R…H65** [RHS540] **R…H66** [RHS542]	**R…H75** [RHS703]
With fan	Not available	**R…H67** [RHS540F40-24] **R…H68** [RHS542F40-24]	**R…H76** [RHS703F60-24] **R…H77** [RHS703F60-230]
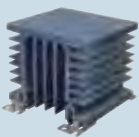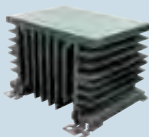
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** Refer to specific heatsink datasheet for further details on heatsink characteristics and assemblies.

Switch

Solid state relays accessories

DIN mount heatsinks for solid state relays

Types	RHS90A	RHS301..	RHS112A..
Dimensions HxWxD (mm) (SSR not included)	90 x 103 x 80	119 x 82 x 94 124 x 146 x 122 (with fan)	112 x 103 x 80 112 x 120 x 80 (with fan)
Description	Heatsink for 1x 1-phase RA, RD, RM, RAM, RS series	Heatsink for 1x 3-phase RZ3, 2x 1-phase RA, RD, RM, RAM, RS series: RHS301 [no fan] RHS301F115C [115VAC fan] RHS301F230C [230VAC fan]	Heatsink for 1x 3-phase RZ3, 2x 1-phase RA, RD, RM, RAM, RS series: RHS112A [no fan] RHS112AF60-24 [24VDC fan] RHS112AF60-230 [230VAC fan]
Thermal resistance**			
Without fan	0.97 °C/W (>60W)	0.82 °C/W (>80W)	0.76 °C/W (>100W)
With fan	Not Available	0.28 °C/W	0.35 °C/W
Selection guide for heatsink assemblies*			
Without fan	R...H16	R...H2 [RHS301]	R...H17
With fan	Not available	R...H10 [RHS301F115C] R...H12 [RHS301F230C]	R...H18 [RHS112AF60-24] R...H52 [RHS112AF60-230]

Types	RHS11267DIND	RHS28009F80-24P	RHS28011F80-24P
Dimensions HxWxD (mm) (SSR not included)	119 x 125 x 94	280 x 87 x 122	280 x 87 x 122
Description	Heatsink for 1x 3-phase RZ3 series, max 3x 1-phase RG series, 2x 1-phase RA, RD, RM, RAM, RS series	Heatsink for max. 9x 1-phase RG series or 4x 1-phase RA, RD, RM, RAM, RS series with integrated fan and overtemperature protection	Heatsink for max. 11x 1-phase RG series or 3x 1-phase RA, RD, RM, RAM, RS series with integrated fan and overtemperature protection
Thermal resistance**			
Without fan	0.54 °C/W (>150W)	Not available	Not available
With fan	Not available	0.12 °C/W (24V DC)	0.12 °C/W (24 VDC)
Selection guide for heatsink assemblies*			
Without fan	R...H78D	Not available	Not available
With fan	Not available	R...H41	R...H44

Thru wall mount heatsinks for solid state relays

Types	RHS10025D	RHS16225D	RHS16225LD
Dimensions HxWxD (mm) (SSR not included)	100 x 100 x 25	162 x 100 x 25	162 x 250 x 25
Description	Heatsink for max. 3x 1-phase RG series, 1x 1-phase RA, RD, RM, RAM, RS series	Heatsink for 1x 3-phase RZ3 series, max. 3x 1-phase RA, RD, RM, RAM, RS and RG series	Heatsink for 1x 3-phase RZ3 series, max. 3x 1-phase RA, RD, RM, RAM, RS and RG series
Thermal resistance**			
Without fan	1.85 °C/W (>60W)	1.30 °C/W (>90W)	0.84 °C/W (>120W)
With fan	Not Available	Not Available	Not Available
Selection guide for heatsink assemblies*			
Without fan	R...H49	R...H55	R...H55L
With fan	Not Available	Not Available	Not Available

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** Refer to specific heatsink datasheet for further details on heatsink characteristics and assemblies.

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Solid state relays accessories

Thru wall mount heatsinks for solid state relays

Types	RHS11267D	RHS30040D
Dimensions HxWxD (mm) (SSR not included)	112 x 125 x 67	300 x 200 x 40
Description	Heatsink for max. 3x 1-phase RG series or 1x 1-phase RA, RD, RM, RAM, RS series	Heatsink for max. 12x 1-phase RG series or 8x 1-phase RA, RD, RM, RAM, RS series
Thermal resistance**		
Without fan	0.54 °C/W (>150W)	0.40 °C/W (>180W)
With fan	Not Available	Not Available
Selection guide for heatsink assemblies*		
Without fan	R…H78	R…H57
With fan	Not Available	Not Available

Panel mount heatsinks for solid state relays
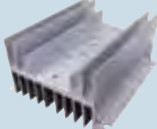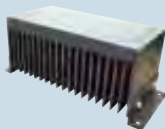
Types	RHS5050D	RHS38AD	RHS5840D
Dimensions WxHxD (mm) (SSR not included)	80 x 50 x 51	46 x 76 x 33	81 x 100 x 40
Description	Heatsink for 1x 1-phase RA, RD, RM, RAM, RS series	Heatsink for 1x 1-phase RA, RD, RM, RAM, RS series	Heatsink for max. 3x 1-phase RG series, 1x 1-phase RA, RD, RM, RAM, RS series
Thermal resistance**			
Without fan	3.50 °C/W (>25W)	2.85 °C/W (>40W)	1.80 °C/W (>60W)
With fan	Not available	Not available	Not available
Selection guide for heatsink assemblies*			
Without fan	R…H60	R…H53	R…H48
With fan	Not available	Not available	Not available

Types	RHS10067D	RHS10067LD	RHS320
Dimensions WxHxD (mm) (SSR not included)	121 x 76 x 67	121 x 140 x 67	240 x 100 x 93
Description	Heatsink for 1x 1-phase RA, RD, RM, RAM, RS series	Heatsink for 2x 1-phase RA, RD, RM, RAM, RS and RG series	Heatsink for 1x 3-phase RZ3 series, max. 3x 1-phase RA, RD, RM, RAM, RS and RG series
Thermal resistance**			
Without fan	1.70 °C/W (>20W)	0.88 °C/W (>80W)	0.40 °C/W (>120W)
With fan	Not available	Not available	Not available
Selection guide for heatsink assemblies*			
Without fan	R…H58	R…H58L	R…H13
With fan	Not available	Not available	Not available

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** Refer to specific heatsink datasheet for further details on heatsink characteristics and assemblies.

Switch