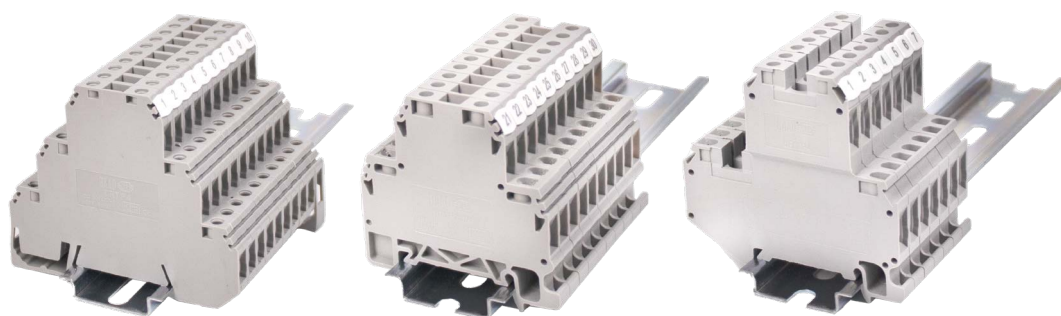


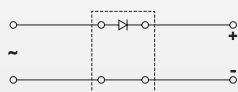
Multi Level Terminal Blocks



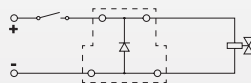
This section consists of double-level (RT/SU-2L Series) and three-level (RT/SU3L series) terminal blocks.

RAAD screw multi-Level terminal blocks enjoy the space-saving benefit, and the following advantages are met:

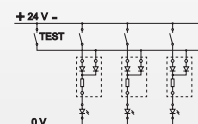
- As for foot connection, RAAD screw multi-level terminals can be mounted on the TH35 mounting rail.
- Terminal block type RT/SU-2L-L has four accessible input/output connecting ports by an internal link between two upper and lower levels. These terminals can be used as distributed terminals same as one to three or one to two branches, in the equipotential circuits, RT/SU4-2L-L can also be connected to adjacent terminals, through cross-connection in the lower level.
- It is remarkable in RT/SU4-2L that due to its double wiring density, the upper level is offset laterally by half of the terminal block width due to effective accessibility of the lower level, and better view of lower labels and entry points.
- The end plates of RT/SU4-2L compensate for the level offset at the beginning and end of the terminal strips. Thus other terminal blocks align directly.
- RT/SU-3L and RT/SU-3L0E5 terminal blocks were specially developed for space-saving wiring in three wired elements such as motors and sensors, e.g. phase- neutral-earth connection or positive-negative-earth/shield connection.
- In designing RT/SU2.5-2L-L, RT/SU4-2L-L, special capabilities are offered for installing electronic elements. RAAD double-Level terminal blocks are used
 - for voltage rectifying, monitoring, electronic elements, fine switching, and test circuits.
- Furthermore, a number of circuits, in which the terminals are applied, are offered (for details see diagrams as follows). Any other type of circuit is offered on request.
- Different colors are available upon request.
- RAAD three-level terminal block was specially developed for space-saving wiring in 3 wired elements such as motors and sensors, e.g. phaseneutral-earth connection or positive-negative-earth / shield connection



Example for rectifying purposes

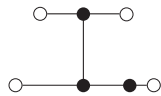


Example for fine switching a DC load

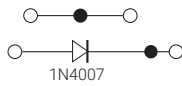


Example for lamp test circuit

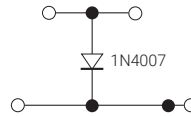
- Some of the circuits designed by using small components in the RAAD double-Level terminal blocks given as below:



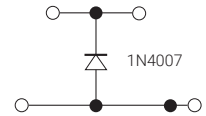
RT/SU4-2L-L



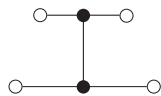
RT/SU4-2L-D1



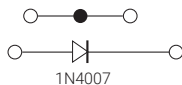
RT/SU4-2L-D2



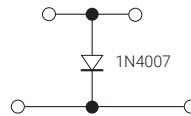
RT/SU4-2L-D3



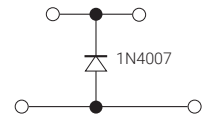
RT/SU2.5/4-2L-L



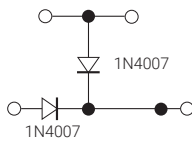
RT/SU2.5/4-2L-D1



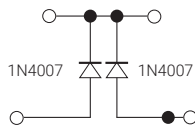
RT/SU2.5/4-2L-D2



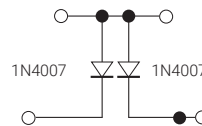
RT/SU2.5/4-2L-D3



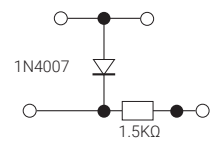
RT/SU4-2L-D4



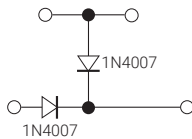
RT/SU4-2L-D5



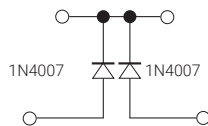
RT/SU4-2L-D6



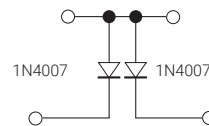
RT/SU4-2L-DR1



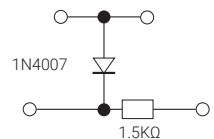
RT/SU2.5/4-2L-D4



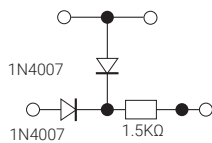
RT/SU2.5/4-2L-D5



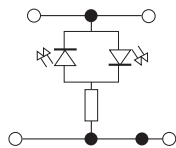
RT/SU2.5/4-2L-D6



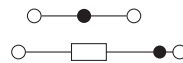
RT/SU2.5/4-2L-DR1



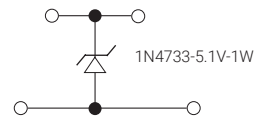
RT/SU4-2L-DR2



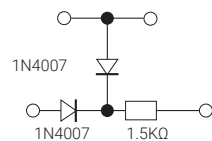
RT/SU4-2L-LD



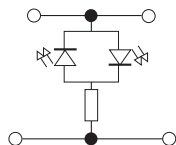
RT/SU4-2L-R1



RT/SU4-2L-DZ3



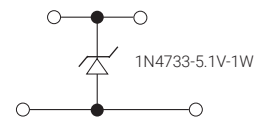
RT/SU2.5/4-2L-DR2



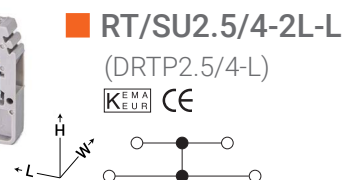
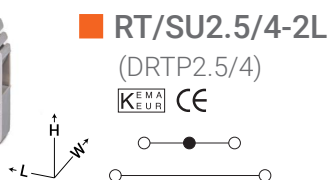
RT/SU2.5/4-2L-LD



RT/SU2.5/4-2L-R1



RT/SU2.5/4-2L-DZ3



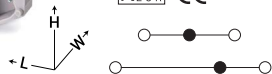
IEC 60947-7-1 rated data	RT/SU2.5/4-2L	RT/SU2.5/4-2L-L
Voltage(V)/Impulse voltage (kV)	500 / 6	500 / 6
Pollution degree/Voltage category /Material group	3/III/I	3/III/I
Current (A)	32	32
Cross-section (mm ²)	4	4

Description	Type	Ordering No.	Qty.	Type	Ordering No.	Qty.
Terminal block, for mounting on TH 35-7.5, 15	RT/SU2.5/4-2L	6010728005	50	RT/SU2.5/4-2L-L	6010729005	50
End plate Width (mm)	EP-DRTP2.5/4 1.2	6020203001	20	EP-DRTP2.5/4 1.2	6020203001	20
Partition width (mm)	GP 3	6020305005	20	GP 3	6020305005	20
End bracket, for TH 35-7.5, 15 width (mm)	EB/3 10	6020101003	50	EB/3 10	6020101003	50
End bracket for mounting on G 32 TH35-7.5,15 Width (mm)	EB/2 10	6020101002	50	EB/2 10	6020101002	50
Cross-connection 	CC10-2.5 10-pos. CC3-2.5 3-pos. CC2-2.5 2-pos. 24	6020502009 6020502002 6020502001	10 50 50	-	-	-
max. current (A)						
Bridge-comb 	BC 10-2.5 10-pos. BC 3-2.5 3-pos. BC 2-2.5 2-pos. 24	6020504009 6020504002 6020504001	10 50 50	BC 10-2.5 10-pos. BC 3-2.5 3-pos. BC 2-2.5 2-pos. 24	6020504009 6020504002 6020504001	10 50 50
max. current (A)						
Test Socket 	TS3/6/2.3	6020402001	50	-	-	-
Screw Driver 	0.5X3	-	-	0.5X3	-	-
Marking Tags 	NS6	For details see Accessories		NS6	For details see Accessories	
Marking Holder 	Marking Holder	6032100001	10	Marking Holder	6032100001	10
Strip Lable 	TBSL 22x20	For details see Accessories		TBSL 22x20	For details see Accessories	
Color						
Dimensions (mm)	W / L / H			W / L / H		
Width/Length/Height, TH 35-7.5	6/57.5/57.5			6/57.5/57.5		
Width/Length/Height, TH 35-15	6/57.5/65			6/57.5/65		
Connection capacity						
Rigid Solid (mm ²)	0.5-4			0.5-4		
Rigid stranded (mm ²)	0.5-4			0.5-4		
Flexible (mm ²)	0.5-4			0.5-4		
American Wire Gauge (AWG)	20-12			20-12		
IEC test gauge	A4			A4		
Stripping length (mm)	9			9		
Clamping screw	M2.5			M2.5		
Tightening torque (N.m)	0.4			0.4		
Insulation material	PA			PA		



RT/SU4-2L

(DRTP4)



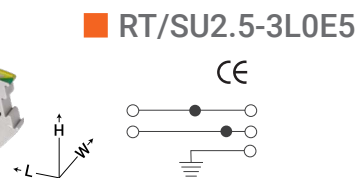
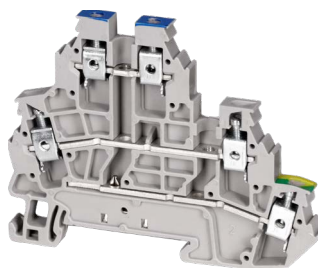
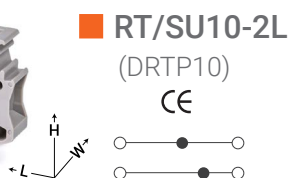
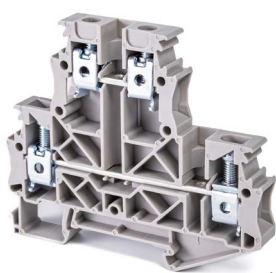
RT/SU4-3L

(TRTP4)



IEC 60947-7-1 rated data	RT/SU2.5-2L	RT/SU4-3L
Voltage(V)/Impulse voltage (kV)	500 / 6	400 / 6
Pollution degree/Voltage category/Material group	3/III/I	3/III/I
Current (A)	32	32
Cross-section (mm ²)	4	4

Description	Type	Ordering No.	Qty.	Type	Ordering No.	Qty.
Terminal block, for mounting on TH 35-7.5, 15 	RT/SU4-2L	60107010 	50	RT/SU4-3L	6010750005	25
End plate 1 width (mm) 	EP1-DRTP4 1.5	6020203002	20	-	-	-
End plate 2 width (mm) 	EP2-DRTP4 1.5	6020203003	20	-	-	-
End plate 3 width (mm) 	EP3-DRTP4 2.5	6020203004	20	-	-	-
Partition width (mm) 	P-DRTP4 2.5	6020302001	20	-	-	-
Partition width (mm) 	-	-	-	GP 3	6020305005	20
Small partition no loss of pitch 	SP-D4	6020304004	100	-	-	-
End bracket for G32 TH TH35-7.5,15 width (mm) 	EB/2 10 	6020101002	50	EB/2 10	6020101002	50
Cross-connection 	CC10-D4 10-pos. CC3-D4 3-pos. CC2-D4 2-pos.	6020503009 6020503002 6020503001	10 10 50	CC10-D4 10-pos. CC3-D4 3-pos. CC2-D4 2-pos.	6020503009 6020503002 6020503001	10 10 50
max. current (A)	32			32		
Bridge-comb 	BC10-4 10-pos. BC3-4 3-pos. BC2-4 2-pos.	6020504109 6020504102 6020504101	10 50 50	BC10-4 10-pos. BC3-4 3-pos. BC2-4 2-pos.	6020504109 6020504102 6020504101	10 50 50
max. current (A)	32			32		
Test Socket 	TS3/6/2.3	6020402001	50	TS3/6/2.3	6020402001	50
Screw Driver 	0.5X3	-	-	0.5X3	-	-
Marking Tags 	NS6.4	For details see Accessories		NS6.4	For details see Accessories	
Marking Holder 	Marking Holder	6032100001	10	Marking Holder	6032100001	10
Strip Lable 	TBSL 22x20	For details see Accessories		TBSL 22x20	For details see Accessories	
Color (Color Code is the last 2 digits of the Ordering No.)						
Dimensions (mm)	W / L / H			W / L / H		
Width/Length/Height, TH 35-7.5	6.4/68.5/67.5			6.4/78.5/68		
Width/Length/Height, TH 35-15	6.4/68.5/75			6.4/78.5/75.5		
Connection capacity						
Rigid Solid (mm²)	0.5-4			0.5-4		
Rigid stranded (mm²)	0.5-4			0.5-4		
Flexible (mm²)	0.5-4			0.5-4		
American Wire Gauge (AWG)	20-12			20-12		
IEC test gauge	A4			A4		
Stripping length (mm)	9			9		
Clamping screw	M2.5			M2.5		
Tightening torque (N.m)	0.4			0.4-0.6		
Insulation material	PA			PA		



IEC 60947-7-1 rated data	RT/SU10-2L	RT/SU2.5-3L0E5
Voltage(V)/Impulse voltage (kV)	800 / 8	400 / 6
Pollution degree/Voltage category /Material group	3/III/I	3/III/I
Current (A)	57	24
Cross-section (mm ²)	10	2.5

Description	Type	Ordering No.	Qty.	Type	Ordering No.	Qty.
Terminal block, for mounting on TH 35-7.5, 15	RT/SU10-2L	6010740005	25	RT/SU2.5-3L0E5	6010603001	35
End plate	EP- RT/SU10-2L	6020203020	20	EP-RT/SU2.5-3L0E5	6020206002	20
Width (mm)	1.2			1		
End bracket for G32 TH 35-15	EB/2 10	6020101002	50	EB/2 10	6020101002	50
Cross-connection	CC10-10 10-pos. CC3-10 3-pos. CC2-10 2-pos. 57	6020502309 6020502302 6020502301	10 50 50	CC10-2.5 10-pos. CC3-2.5 3-pos. CC2-2.5 2-pos. 24	6020503009 6020503002 6020503001	- - -
max. current (A)						
Bridge-comb	-	-	-	BC 10-2.5 10-pos. BC 3-2.5 3-pos. BC 2-2.5 2-pos. 24	6020504009 6020504002 6020504001	10 50 50
max. current (A)						
Test Socket	TS3/8/4	6020402002	50	TS3/6/2.3	-	-
Screw Driver	1.0*4.0	-	-	0.5X3	-	-
Marking Tags	NS10	For details see Accessories		NS6	For details see Accessories	
Marking Holder	Marking Holder	6032100001	10	Marking Holder	6032100001	10
Strip Lable	TBSL 22x20	For details see Accessories		TBSL 22x20	For details see Accessories	
Color						
Dimensions (mm)	W / L / H			W / L / H		
Width/Length/Height, TH 35-7.5	10/87/73.5			6/82.5/64.5		
Width/Length/Height, TH 35-15	10/87/81			6/82.5/72		
Connection capacity						
Rigid Solid (mm ²)	0.5-16			0.5-4		
Rigid stranded (mm ²)	0.5-16			0.5-4		
Flexible (mm ²)	0.5-10			0.5-2.5		
American Wire Gauge (AWG)	20-6			20-12		
IEC test gauge	B6			A4		
Stripping length (mm)	12			9		
Clamping screw	M4			M2.5		
Tightening torque (N.m)	1.5-1.8			0.5-0.6		
Insulation material	PA			PA		