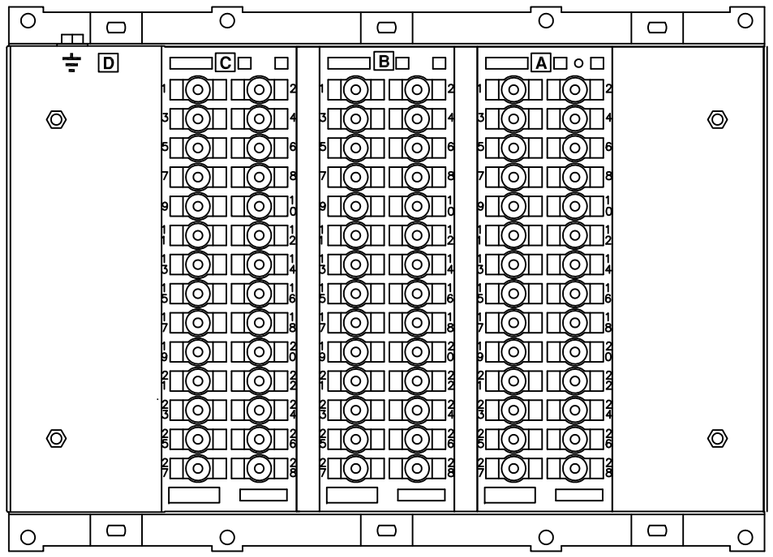
IF IN DOUBT ASK
DO NOT SCALE

ABBREVIATIONS
I–CURRENT INPUTS
V–VOLTAGE INPUTS
BI–BINARY INPUTS
BO–BINARY OUTPUTS
CO–CHANGE OVER BINARY OUTPUT CONTACTS
NO–NORMALLY OPEN BINARY OUTPUT CONTACTS
NC–NORMALLY CLOSED BINARY OUTPUT CONTACTS

COMMUNICATIONS IDENTIFICATION	
COM1	RS485 (ON BLOCK 'B' TERMINALS 14,16,18 & 20)
COM2	USB TYPE 'B' PORT (ON RELAY FRONT LABEL)



RELAY VIEWED FROM REAR

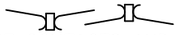
NOTES
1) TERMINALS RECOMMENDED ARE PRE–INSULATED & MUST BE CRIMPED USING APPROVED TOOLING.
AMP PIDG OR PLASTI GRIP FUNNEL ENTRY (RING TONGUE) FOR M4 FIXING STUD.

SUPPLIER	PART NUMBER	CABLE SIZE
AMP	342103	0.25–1.6mm²
AMP	342143	1.0–2.6mm²

OR ANY OTHER MANUFACTURERS EQUIVALENT TERMINAL.

2) FOR OUTLINE & PANEL DRILLING, SEE 2995X10010 (A4).

3) CONNECTIONS TO THIS COMMUNICATIONS FACILITY IS BY SCREENED, TWISTED PAIR CABLE, ON SITE.
WHEN WIRING OTHER FACILITIES ENSURE THAT THESE TERMINALS ARE NOT OBSCURED BY OTHER WIRE RUNS.

4) CONTACTS SHOWN THUS 
ARE INTERNAL RELAY CASE CONTACTS AND CLOSE WHEN THE RELAY CHASSIS IS WITHDRAWN FROM THE CASE.

5) THESE CTs ALTHOUGH FITTED ARE NOT ACTIVE IN RECLOSER–M MODELS.

D

BLANK

C

BO 7 COM	1	2	BI 4 +VE
BO 7 NO	3	4	BI 4 –VE
BO 8 COM	5	6	BI 5 +VE
BO 8 NO	7	8	BI 5 –VE
BO 9 COM	9	10	BI 6 +VE
BO 9 NO	11	12	BI 7 +VE
BO 10 COM	13	14	BI 8 +VE
BO 10 NO	15	16	BI 9 +VE
BO 11 NO	17	18	BI 6–9 –VE
BO 11–12 COM	19	20	BI 10 +VE
BO 12 NO	21	22	BI 11 +VE
BO 13 NO	23	24	BI 12 +VE
BO 13–14 COM	25	26	BI 13 +VE
BO 14 NO	27	28	BI 10–13 –VE

B

BO 1 COM	1	2	BI 1 +VE	
BO 1 NC	3	4	BI 1 –VE	
BO 2 COM	5	6	BI 2 +VE	
BO 2 NO	7	8	BI 2 –VE	
BO 2 NC	9	10	BI 3 +VE	
BO 3 COM	11	12	BI 3 –VE	
BO 3 NO	13	14	A	COM1 RS485 SEE NOTE 3
BO 3 NC	15	16	SCREEN	
BO 4 COM	17	18	B	
BO 4 NO	19	20	TERM	
BO 5 COM	21	22	DC +VE	
BO 5 NO	23	24	DC –VE	
BO 6 COM	25	26	RELAY WITHDRAWN	
BO 6 NO	27	28	EARTH	

A

Ia 1A (S)	1	2	Ia 1A (F)	
Ia 5A (S)	3	4	Ia 5A (F)	
Ib 1A (S)	5	6	Ib 1A (F)	
Ib 5A (S)	7	8	Ib 5A (F)	
Ic 1A (S)	9	10	Ic 1A (F)	
Ic 5A (S)	11	12	Ic 5A (F)	
Ie/Isef 1A (S)	13	14	Ie/Isef 1A (F)	
Ie/Isef 5A (S)	15	16	Ie/Isef 5A (F)	
Isbef 1A (S)	17	18	Isbef 1A (F)	SEE NOTE 5
Isbef 5A (S)	19	20	Isbef 5A (F)	
Va/Vab (S)	21	22	Va/Vab (F)	
Vb/Vbc (S)	23	24	Vb/Vbc (F)	
Vc/Vca (S)	25	26	Vc/Vca (F)	
Vn/Vchecksync (S)	27	28	Vn/Vchecksync (F)	

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ISSUE	DATE	NOTED
2 RDW	25/06/08	NOTE 5 ADDED MN435/2970 AL
1	26/02/08	CHANGE

MATERIAL:

Dimensions in millimetres : Surface texture in micrometres.
Machine where marked ✓
For explanation of dimensions, tolerances, notes etc. see B.S.308.
Limit on untoleranced unmachined dimensions ± _____
Limits on untoleranced machined dimensions to B.S.4500;
i.e. up to 6±0.1; over 30 to 120±0.3; over 315±0.8;
over 6 to 30±0.2; over 120 to 315±0.5;
General unmachined angular tolerance ± _____

Finish:

Treatment:

Title:
TERMINAL ID & WIRING DIAGRAM FOR RM PLATFORM (5I,4V,13BI,2CO,11NO,1NC,RS485) E10 CASE

SIEMENS PROTECTION DEVICES LTD.

Original Scale.
NTS

First used on:
Similar Articles:
Supersedes:
Drg. No.
2435W40016

DRAWN	CHECKED	APPROVED	DATE	IE DN	OPS	PCP	Purch.Spec.	TQ	EAC	CE	STD	A3
MM/AL	AL	RD.WATSON	10/03/08									