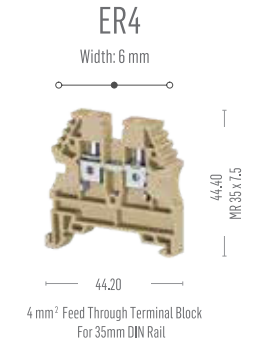
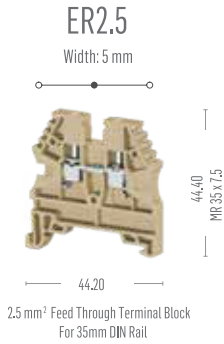




# Main Terminals Screw Cross Connection



Electrical Ratings
CE (EN 60947-7-1)
cRUus
VDE (IEC 60947-7-1)
CSA
IECEX

Voltage, V -	Current, A	Cross Section
750	24	2.5 mm <sup>2</sup>
600	20	AWG 26 - 12
750	24	2.5 mm <sup>2</sup>
600	20	AWG 28 - 12
630	23	

Voltage, V -	Current, A	Cross Section
750	32	4 mm <sup>2</sup>
600	30	AWG 26 - 10
750	32	4 mm <sup>2</sup>
600	30	AWG 28 - 10
630	30.5	

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)
AWG Conductor
Insulation Stripping Length
Torque (min.-max.)
Screwdriver

0.2 - 4 mm <sup>2</sup>
0.2 - 4 mm <sup>2</sup>
0.5 - 1.5 mm <sup>2</sup>
AWG 24 - 12
9 - 10 mm
0.4 - 0.6 Nm
0.6 x 3.5

0.2 - 6 mm <sup>2</sup>
0.2 - 6 mm <sup>2</sup>
0.5 - 2.5 mm <sup>2</sup>
AWG 24 - 10
9 - 10 mm
0.4 - 0.8 Nm
0.6 x 3.5

Technical Data
Rated Impulse Voltage
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Diode Technical Data
Diode Voltage
Diode Current
Diode

8/3
I/A3
IP 20 / -

8/3
I/A4
IP 20 / -

Ordering Data
Beige
Grey
Blue
Green
Yellow
Red
Black
White
Orange
Brown

Terminal	Qty.	End Plate	Qty.
ER2.5BEIGE	100	EP2.5-10BEIGE	100
ER2.5GREY	100	EP2.5-10GREY	100
ER2.5BLUE	100	EP2.5-10BLUE	100
ER2.5GREEN	100	EP2.5-10GREEN	100
ER2.5YELLOW	100	EP2.5-10YELLOW	100
ER2.5RED	100	EP2.5-10RED	100
ER2.5BLACK	100	EP2.5-10BLACK	100
ER2.5WHITE	100	EP2.5-10WHITE	100
ER2.5ORANGE	100	EP2.5-10ORANGE	100
ER2.5BROWN	100	EP2.5-10BROWN	100

Terminal	Qty.	End Plate	Qty.
ER4BEIGE	100	EP2.5-10BEIGE	100
ER4GREY	100	EP2.5-10GREY	100
ER4BLUE	100	EP2.5-10BLUE	100
ER4GREEN	100	EP2.5-10GREEN	100
ER4YELLOW	100	EP2.5-10YELLOW	100
ER4RED	100	EP2.5-10RED	100
ER4BLACK	100	EP2.5-10BLACK	100
ER4WHITE	100	EP2.5-10WHITE	100
ER4ORANGE	100	EP2.5-10ORANGE	100
ER4BROWN	100	EP2.5-10BROWN	100

Separation Plate			
Small Partition	Qty.	Large Partition	Qty.
SP1	100	SP2.5-10	25

Part Number	Qty.	Part Number	Qty.
CC2.5/2	25	BB2.5/2	25
CC2.5/3	20	BB2.5/3	20
CC2.5/4	15	BB2.5/4	15
CC2.5/10	5	BB2.5/10	5
CC2.5/50	20		

Part Number	Qty.	Part Number	Qty.
CC4/2	25	BB4/2	25
CC4/3	20	BB4/3	20
CC4/4	15	BB4/4	15
CC4/10	5	BB4/10	5
CC4/20	5		
CC4/50	5		

Cross Connection - Comb Connection

Control Terminal																				
<table border="1"> <thead> <tr> <th>Part Number</th> <th>Qty.</th> <th>Part Number</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>ES1xx</td> <td>100</td> <td></td> <td></td> </tr> <tr> <td>ES4xx</td> <td>100</td> <td></td> <td></td> </tr> <tr> <td>ES7xx</td> <td>50</td> <td></td> <td></td> </tr> <tr> <td>ES3xx</td> <td>100</td> <td></td> <td></td> </tr> </tbody> </table>	Part Number	Qty.	Part Number	Qty.	ES1xx	100			ES4xx	100			ES7xx	50			ES3xx	100		
Part Number	Qty.	Part Number	Qty.																	
ES1xx	100																			
ES4xx	100																			
ES7xx	50																			
ES3xx	100																			

End Bracket
xx: Beige or Grey

Test Plug and Sockets																
<table border="1"> <thead> <tr> <th>Part Number</th> <th>Qty.</th> <th>Part Number</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>TF2</td> <td>5</td> <td>TSK3</td> <td>5</td> </tr> <tr> <td>TF2.3</td> <td>5</td> <td></td> <td></td> </tr> <tr> <td>TSK1</td> <td>5</td> <td></td> <td></td> </tr> </tbody> </table>	Part Number	Qty.	Part Number	Qty.	TF2	5	TSK3	5	TF2.3	5			TSK1	5		
Part Number	Qty.	Part Number	Qty.													
TF2	5	TSK3	5													
TF2.3	5															
TSK1	5															

Warning Label								
Available in White and Yellow								
<table border="1"> <thead> <tr> <th>With Symbol</th> <th>Qty.</th> <th>Without Symbol</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>WL1</td> <td>25</td> <td>WL2</td> <td>25</td> </tr> </tbody> </table>	With Symbol	Qty.	Without Symbol	Qty.	WL1	25	WL2	25
With Symbol	Qty.	Without Symbol	Qty.					
WL1	25	WL2	25					

Group Marking																
<table border="1"> <thead> <tr> <th>Part Number</th> <th>Qty.</th> <th>Part Number</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>GM</td> <td>50</td> <td>GMI-2</td> <td>25</td> </tr> <tr> <td>GMI-1</td> <td>25</td> <td>GM2-2</td> <td>25</td> </tr> <tr> <td>GM3</td> <td>50</td> <td></td> <td></td> </tr> </tbody> </table>	Part Number	Qty.	Part Number	Qty.	GM	50	GMI-2	25	GMI-1	25	GM2-2	25	GM3	50		
Part Number	Qty.	Part Number	Qty.													
GM	50	GMI-2	25													
GMI-1	25	GM2-2	25													
GM3	50															

Unprinted Markers								
<table border="1"> <thead> <tr> <th>Part Number</th> <th>Qty.</th> <th>Part Number</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>DG10/5</td> <td>440</td> <td></td> <td></td> </tr> </tbody> </table>	Part Number	Qty.	Part Number	Qty.	DG10/5	440		
Part Number	Qty.	Part Number	Qty.					
DG10/5	440							

Part Number	Qty.	Part Number	Qty.
CC2.5/2	25	BB2.5/2	25
CC2.5/3	20	BB2.5/3	20
CC2.5/4	15	BB2.5/4	15
CC2.5/10	5	BB2.5/10	5
CC2.5/50	20		

Part Number	Qty.	Part Number	Qty.
ES1xx	100		
ES4xx	100		
ES7xx	50		
ES3xx	100		

Part Number	Qty.	Part Number	Qty.
TF2	5	TSK3	5
TF2.3	5		
TSK1	5		

Part Number	Qty.	Part Number	Qty.
TF2	5	TSK7	5
TF2.3	5		
TSK4	5		

With Symbol	Qty.	Without Symbol	Qty.
WL1	25	WL2	25

With Symbol	Qty.	Without Symbol	Qty.
WL1	25	WL2	25

Part Number	Qty.	Part Number	Qty.
GM	50	GMI-2	25
GMI-1	25	GM2-2	25
GM3	50		

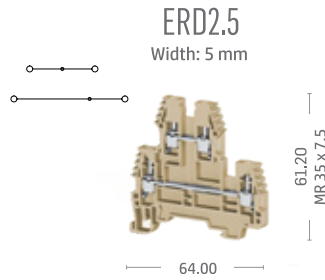
Part Number	Qty.	Part Number	Qty.
GM	50	GMI-2	25
GMI-1	25	GM2-2	25
GM3	50		

Part Number	Qty.	Part Number	Qty.
DG10/5	440		

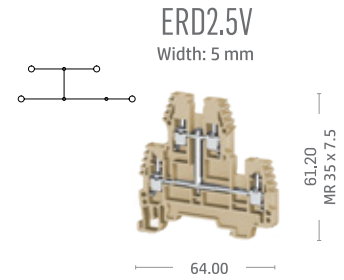
Part Number	Qty.	Part Number	Qty.
DG10/5	440		
DG10/6	360		



# Main Terminals Double Deck



**2.5 mm<sup>2</sup> Double Deck Terminal Block  
For 35 mm DIN Rail**



**2.5 mm<sup>2</sup> Double Deck Terminal Block with Solid Link  
For 35 mm DIN Rail**



Electrical Ratings
CE (EN 60947-7-1)
cRUus
VDE (IEC 60947-7-1)
CSA
IECEX

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 Conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)
AWG Conductor
Insulation Stripping Length
Torque (min.-max.)
Screwdriver

Technical Data
Rated Impulse Voltage
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type

Diode Technical Data
Diode Voltage
Diode Current
Diode

Ordering Data
<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #c0c0c0; margin-right: 5px;"></div> <span>Beige</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 10px; background-color: #808080; margin-right: 5px;"></div> <span>Grey</span> </div>

Partition Plate
xx: available in all colours

Cross Connection - Comb Connection

Isolation Cover

End Bracket
xx: Beige or Grey

Test Plug and Sockets

Warning Label
Available in White and Yellow

Group Marking

Unprinted Markers

Voltage, V ~	Current, A	Cross Section
500	24	2.5 mm <sup>2</sup>
300	20	AWG 26 - 12
400	21,5	

0.2 - 4 mm <sup>2</sup>
0.2 - 4 mm <sup>2</sup>
0.5 - 1.5 mm <sup>2</sup>
AWG 24 - 12
9 - 10 mm
0.4 - 0.6 Nm
0.6 x 3.5

6/3
1/A3
IP 20/ -

Terminal	Qty.	End Plate	Qty.
ERD2.5BEIGE	100	EP4BEIGE	25
ERD2.5GREY	100	EP4GREY	25

Partition	Qty.	Partition	Qty.
		SP1	100

Part Number	Qty.	Part Number	Qty.
CC2.5/2	25		
CC2.5/3	20		
CC2.5/4	15		
CC2.5/10	5		
CC2.5/50	20		

Part Number	Qty.	Part Number	Qty.

Part Number	Qty.	Part Number	Qty.
ES1xx	100		
ES4xx	100		
ES7xx	50		

Part Number	Qty.	Part Number	Qty.
TF2	100	TSK3	100
TF2.3	100		
TSK1	100		

With Symbol	Qty.	Without Symbol	Qty.

Part Number	Qty.	Part Number	Qty.
GM	50	GM3	50
GM1-1	25		
GM1-2	25		
GM2-2	25		

Part Number	Qty.	Part Number	Qty.
DG10/5	440		
DG10/5T	440		
MT10/5	500		

Voltage, V ~	Current, A	Cross Section
500	24	2.5 mm <sup>2</sup>
300	20	AWG 26 - 12
400	21,5	

0.2 - 4 mm <sup>2</sup>
0.2 - 4 mm <sup>2</sup>
0.5 - 1.5 mm <sup>2</sup>
AWG 24 - 12
9 - 10 mm
0.4 - 0.6 Nm
0.6 x 3.5

6/3
1/A3
IP 20/ -

Terminal	Qty.	End Plate	Qty.
ERD2.5VBEIGE	20	EP4BEIGE	25
ERD2.5VGREY	20	EP4GREY	25

Partition	Qty.	Partition	Qty.
		SP1	100

Part Number	Qty.	Part Number	Qty.
CC2.5/2	25		
CC2.5/3	20		
CC2.5/4	15		
CC2.5/10	5		

Part Number	Qty.	Part Number	Qty.

Part Number	Qty.	Part Number	Qty.
ES1xx	100		
ES4xx	100		
ES7xx	50		

Part Number	Qty.	Part Number	Qty.
TF2	100	TSK3	100
TF2.3	100		
TSK1	100		

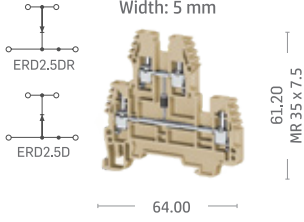
With Symbol	Qty.	Without Symbol	Qty.

Part Number	Qty.	Part Number	Qty.
GM	50	GM3	50
GM1-1	25		
GM1-2	25		
GM2-2	25		

Part Number	Qty.	Part Number	Qty.
DG10/5	440		
DG10/5T	440		
MT10/5	500		

### ERD2.5D (R)

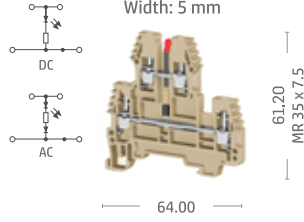
Width: 5 mm



**2.5 mm<sup>2</sup> Double Deck Terminal Block with Diode (R) : Reverse Diode For 35 mm DIN Rail**

### ERD2.5LD

Width: 5 mm



**2.5 mm<sup>2</sup> Double Deck Terminal Block with LED and Diode XX : 24AC/DC, 48AC/DC, 110AC/DC, 220AC/DC For 35 mm DIN Rail**

Voltage, V ~	Current, A	Cross Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26- 12
400	21,5	

0.2 - 4 mm <sup>2</sup>
0.2 - 4 mm <sup>2</sup>
0.5 - 1.5 mm <sup>2</sup>
AWG 24 - 12
9 - 10 mm
0.4 - 0.6 Nm
0.6 x 3.5

6/3
1/A3
IP 20/ -

1000 V
1.0 A
1 N 4007

Terminal	Qty.	End Plate	Qty.
ERD2.5DBEIGE	20	EP4BEIGE	25
ERD2.5DGREY	20	EP4GREY	25
ERD2.5DRBEIGE	20	EP4BEIGE	25
ERD2.5DRGREY	20	EP4GREY	25

Partition	Qty.	Partition	Qty.
		SP1	100

Part Number	Qty.	Part Number	Qty.
CC2.5/2	25		
CC2.5/3	20		
CC2.5/4	15		
CC2.5/10	5		
CC2.5/50	20		

Part Number	Qty.	Part Number	Qty.

Part Number	Qty.	Part Number	Qty.
ES1xx	100		
ES4xx	100		

Part Number	Qty.	Part Number	Qty.
TF2	100	TSK3	100
TF2.3	100		
TSK1	100		

With Symbol	Qty.	Without Symbol	Qty.

Part Number	Qty.	Part Number	Qty.
GM	50	GM3	50
GM1-1	25		
GM1-2	25		
GM2-2	25		

Part Number	Qty.	Part Number	Qty.
DG10/5	440		

Voltage, V ~	Current, A	Cross Section
	24	2,5 mm <sup>2</sup>
	20	AWG 26 - 12
400	21,5	

0.2 - 4 mm <sup>2</sup>
0.2 - 4 mm <sup>2</sup>
0.5 - 1.5 mm <sup>2</sup>
AWG 24 - 12
9 - 10 mm
0.4 - 0.6 Nm
0.6 x 3.5

6/3
1/A3
IP 20/ -

1000 V
1.0 A
1 N 4007

Terminal	Qty.	End Plate	Qty.
ERD2.5LDXXBEIGE	20	EP4BEIGE	25
ERD2.5LDXXGREY	20	EP4GREY	25

Partition	Qty.	Partition	Qty.
		SP1	100

Part Number	Qty.	Part Number	Qty.
CC2.5/2	25		
CC2.5/3	20		
CC2.5/4	15		
CC2.5/10	5		
CC2.5/50	20		

Part Number	Qty.	Part Number	Qty.

Part Number	Qty.	Part Number	Qty.
ES1xx	100		
ES4xx	100		

Part Number	Qty.	Part Number	Qty.
TF2	100	TSK3	100
TF2.3	100		
TSK1	100		

With Symbol	Qty.	Without Symbol	Qty.

Part Number	Qty.	Part Number	Qty.
GM	50	GM3	50
GM1-1	25		
GM1-2	25		
GM2-2	25		

Part Number	Qty.	Part Number	Qty.
DG10/5	440		