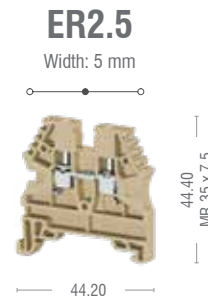
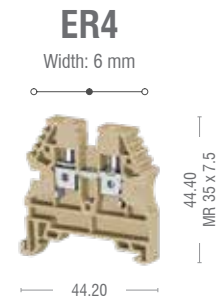


Main Terminals

Screw Cross Connection



2.5 mm² Feed Through Terminal Block
For 35mm DIN Rail



4 mm² Feed Through Terminal Block
For 35mm DIN Rail



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 ²
600	20	AWG 26 - 12
750	24	2.5 mm ²
600	20	AWG 28 - 12
630	23	

Voltage, V ~	Current, A	Cross Section
750	32	4 mm ²
600	30	AWG 26 - 10
750	32	4 mm ²
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 - 6 mm ²
0.2 - 0.6 mm ²
0.5 - 2.5 mm ²
AWG 24 - 10
9 - 10 mm
0.4 - 0.8 Nm
0.6 x 3.5

0.2 - 6 mm ²
0.2 - 0.6 mm ²
0.5 - 2.5 mm ²
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

8/3
1/A3
IP 20 / -

8/3
1/A4
IP 20 / -

Diode Technical Data
Diode Voltage
Diode Current
Diode

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
SP1

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

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

Cross Connection - Comb Connection

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		

Control Terminal

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End Bracket
xx: Beige or Grey

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		

Test Plug and Sockets

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		

Warning Label
Available in White and Yellow

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

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

Group Marking

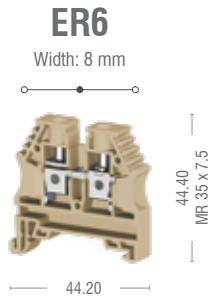
Part Number	Qty.	Part Number	Qty.
GM	50	GM1-2	25
GM1-1	25	GM2-2	25
GM3	50		

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

Unprinted Markers

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

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



6 mm² Feed Through Terminal Block
For 35mm DIN Rail

Voltage, V ~	Current, A	Cross Section
630	41	6 mm ²
600	50	AWG 26 - 8
630	41	6 mm ²
600	40	AWG 28 - 8
630	41	

0.2 - 10 mm ²
0.2 - 10 mm ²
0.5 - 4 mm ²
AWG 24 - 8
10 - 12 mm
0.8 - 1.2 Nm
0.8 x 4

8/3
1/B5
IP 20/-

Terminal	Qty.	End Plate	Qty.
ER6BEIGE	100	EP2.5-10BEIGE	100
ER6GREY	100	EP2.5-10GREY	100
ER6BLUE	100	EP2.5-10BLUE	100
ER6GREEN	100	EP2.5-10GREEN	100
ER6YELLOW	100	EP2.5-10YELLOW	100
ER6RED	100	EP2.5-10RED	100
ER6BLACK	100	EP2.5-10BLACK	100
ER6WHITE	100	EP2.5-10WHITE	100
ER6ORANGE	100	EP2.5-10ORANGE	100
ER6BROWN	100	EP2.5-10BROWN	100

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

Part Number	Qty.	Part Number	Qty.
CC6/2	25	BB6/2	25
CC6/3	20	BB6/3	20
CC6/4	15	BB6/4	15
CC6/10	5	BB6/10	5

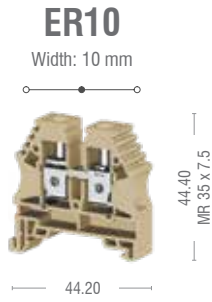
Part Number	Qty.	Part Number	Qty.
ES1xx	100		
ES4xx	100		
ES7xx	50		
ES3xx	100		

Part Number	Qty.	Part Number	Qty.
TF2	5	TSK7	5
TF2.3	5	IKT28	5
TSK1	5		

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

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

Part Number	Qty.	Part Number	Qty.
DG10/5	440		
DG10/6	360		
DG10/8	260		



10 mm² Feed Through Terminal Block
For 35mm DIN Rail

Voltage, V ~	Current, A	Cross Section
630	57	10 mm ²
600	65	AWG 16 - 6
630	57	10 mm ²
600	65	AWG 16 - 6
630	57	

0.5 - 16 mm ²
0.5 - 16 mm ²
0.5 - 6 mm ²
AWG 20 - 6
10 - 12 mm
1.2 - 1.8 Nm
0.8 x 4

8/3
1/B6
IP 20/-

Terminal	Qty.	End Plate	Qty.
ER10BEIGE	100	EP2.5-10BEIGE	100
ER10GREY	100	EP2.5-10GREY	100
ER10BLUE	100	EP2.5-10BLUE	100
ER10GREEN	100	EP2.5-10GREEN	100
ER10YELLOW	100	EP2.5-10YELLOW	100
ER10RED	100	EP2.5-10RED	100
ER10BLACK	100	EP2.5-10BLACK	100
ER10WHITE	100	EP2.5-10WHITE	100
ER10ORANGE	100	EP2.5-10ORANGE	100
ER10BROWN	100	EP2.5-10BROWN	100

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

Part Number	Qty.	Part Number	Qty.
CC10/2	25	BB10/2	25
CC10/3	20	BB10/3	20
CC10/4	15	BB10/4	15
CC10/10	5	BB10/10	5

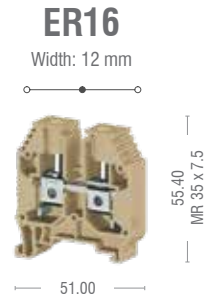
Part Number	Qty.	Part Number	Qty.
ES1xx	100		
ES4xx	100		
ES7xx	50		
ES3xx	100		

Part Number	Qty.	Part Number	Qty.
TF2	5	TSK7	5
TF2.3	5	IKT28	5
TSK1	5	TF4	5

With Symbol	Qty.	Without Symbol	Qty.

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

Part Number	Qty.	Part Number	Qty.
DG10/5	440	DG10/10	200
DG10/6	360		
DG10/8	260		



16 mm² Feed Through Terminal Block
For 35mm DIN Rail

Voltage, V ~	Current, A	Cross Section
750	76	16 mm ²
600	85	AWG 12 - 4
750	76	16 mm ²
630	71	

2.5 - 25 mm ²
4 - 25 mm ²
1.5 - 10 mm ²
AWG 14 - 4
12 - 14 mm
1.2 - 2 Nm
1 x 5.5

8/3
1/B7
IP 20/-

Terminal	Qty.	End Plate	Qty.
ER16BEIGE	50	EP16BEIGE	100
ER16GREY	50	EP16GREY	100
ER16BLUE	50	EP16BLUE	100
ER16GREEN	50	EP16GREEN	100
ER16YELLOW	50	EP16YELLOW	100
ER16RED	50	EP16RED	100
ER16BLACK	50	EP16BLACK	100
ER16WHITE	50	EP16WHITE	100
ER16ORANGE	50	EP16ORANGE	100
ER16BROWN	50	EP16BROWN	100

Small Partition	Qty.	Large Partition	Qty.
		SP16	25

Part Number	Qty.	Part Number	Qty.
CC16/2	25		
CC16/3	20		
CC16/4	15		
CC16/10	5		

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

Part Number	Qty.	Part Number	Qty.
TF4	5		
TSK8	5		
ITK32	5		

With Symbol	Qty.	Without Symbol	Qty.
WL3	25	WL3S	25

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

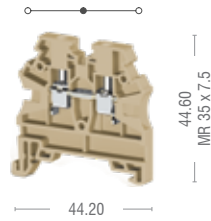
Part Number	Qty.	Part Number	Qty.
DG10/5	440	DG10/10	200
DG10/6	360		
DG10/8	260		

Main Terminals

Push In Cross Connection

ER2.5P

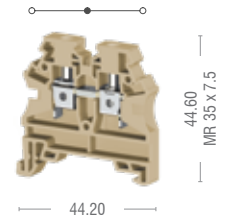
Width: 5 mm



2.5 mm² Feed Through Terminal Block
Thermal Printer Slot
For 35mm DIN Rail

ER4P

Width: 6 mm



4 mm² Feed Through Terminal Block
Thermal Printer Slot
For 35mm 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

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

Seperation Plate

Cross Connection - Comb Connection

Control Terminal

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
750	24	2.5 mm ²
600	20	AWG 26 - 12
630	23	

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

8/3
1/A3
IP 20/ -

Terminal	Qty.	End Plate	Qty.
ER2.5PBEIGE	100	EP2.5-10BEIGE	100
ER2.5PGREY	100	EP2.5-10GREY	100
ER2.5PBLUE	100	EP2.5-10BLUE	100
ER2.5PGREEN	100	EP2.5-10GREEN	100
ER2.5PYELLOW	100	EP2.5-10YELLOW	100
ER2.5PRED	100	EP2.5-10RED	100
ER2.5PBLACK	100	EP2.5-10BLACK	100
ER2.5PWHITE	100	EP2.5-10WHITE	100
ER2.5PORANGE	100	EP2.5-10ORANGE	100
ER2.5PBROWN	100	EP2.5-10BROWN	100

Small Partition	Qty.	Large Partition	Qty.
		SP2.5-10	25

Type	Qty.	Comb	Qty.
CCS2.5/2	25	BB2.5/2	25
CCS2.5/3	20	BB2.5/3	20
CCS2.5/4	15	BB2.5/4	15
CCS2.5/10	5	BB2.5/10	5
CCS2.5/50	20		

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

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

Part Number	Qty.	Part Number	Qty.

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

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

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

Voltage, V ~	Current, A	Cross Section
750	32	4 mm ²
600	30	AWG 26 - 10
630	29	

0.2 - 6 mm ²
0.2 - 6 mm ²
0.5 - 2.5 mm ²
AWG 24 - 10
9 - 10 mm
0.5 - 0.8 Nm
0.6 x 3.5

8/3
1/A4
IP 20/ -

Terminal	Qty.	End Plate	Qty.
ER4PBEIGE	100	EP2.5-10BEIGE	100
ER4PGREY	100	EP2.5-10GREY	100
ER4PBLUE	100	EP2.5-10BLUE	100
ER4PGREEN	100	EP2.5-10GREEN	100
ER4PYELLOW	100	EP2.5-10YELLOW	100
ER4PRED	100	EP2.5-10RED	100
ER4PBLACK	100	EP2.5-10BLACK	100
ER4PWHITE	100	EP2.5-10WHITE	100
ER4PORANGE	100	EP2.5-10ORANGE	100
ER4PBROWN	100	EP2.5-10BROWN	100

Small Partition	Qty.	Large Partition	Qty.
		SP2.5-10	25

Type	Qty.	Comb	Qty.
CCS4/2	25	BB4/2	25
CCS4/3	20	BB4/3	20
CCS4/4	15	BB4/4	15
CCS4/10	5	BB4/10	5
CCS4/20	5		
CCS4/50	5		

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

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

Part Number	Qty.	Part Number	Qty.

With Symbol	Qty.	Without Symbol	Qty.

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

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