

# ERT Series

## Feed through terminal blocks for initiators, actuators and motors Morsetti Passanti a Più Livelli Per Componenti a 3 e 4 Fili

3 and 4 wired elements such as motors, sensors, actuators and initiators are commonly used in industry. The multi level terminal blocks (ERT 3, ERT 2E, ERT 3E) are designed and developed to meet the demanding requirements of 3 or 4 wire applications. Signal, power and ground can be connected on a single, compact 6mm width terminal block

Multi level terminal blocks:

- Make wiring more practical
- Reduce the installation costs and speed the wiring.
- Provide individual cross connections for each layer. They are used at the edge of sensor terminal blocks
- Provide definitive identification of positive, negative and ground connections with the help of internationally accepted colours for the related layers. Because of this property, they minimise wiring mistakes and speed wiring
- Are ideal for limited spaces because of their compact designs.

Nell'industria sono di comune utilizzo componenti a 3 or 4 fili come motori, sensori, azionamenti ecc. I morsetti multi piani (ERT 3, ERT 2E, ERT 3E) sono stati progettati e sviluppati per soddisfare le richieste di questo tipo di cablaggio.

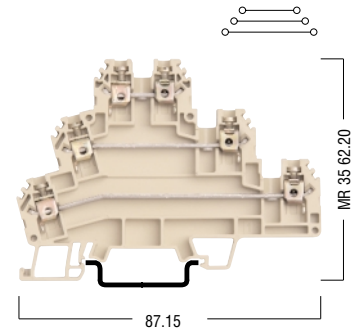
Il segnale, la potenza e la messa a terra possono essere connessi su un singolo morsetto compatto di 6mm di larghezza

I morsetti multilivello:

- Permettono un cablaggio più pratico
- Riducono i costi di installazione e velocizzano il cablaggio
- Permettono ponticelli individuali per ogni piano. Sono usati sul margine del morsetto sensore
- Forniscono un'identificazione fissa del positivo e negativo e della connessione a terra, con l'aiuto di colori accettati a livello internazionale per i piani relativi.
- Grazie a questa proprietà essi minimizzano gli errori di cablaggio e velocizzano il cablaggio
- Sono ideali per spazi limitati grazie al loro design compatto.

### ER T3

Width/Larghezza 6mm  
324 100i BEIGE/BEIGE



#### Electrical ratings/Caratteristiche nominali Elettriche

Voltage/Current/Cross section / Tensione/Corrente/Sezione	500V~/24A/2.5mm <sup>2</sup>
VDE/VDE (IEC 60947-7-1)	400V~24A/2.5mm <sup>2</sup>
UL/UL	300V~24A/24...12AWG
Insulation Stripping Length/Spellatura carvo	9mm

#### Connection Data/Dati di Connessione

Solid Strand, Screw Connection/Cavo Rigido, Connessione a Vite	0.5-4mm <sup>2</sup>
Fine Strand, Screw Connection/Cavo Flessibile, Connessione a Vite	1.5-2.5mm <sup>2</sup>
AWG Conductor/Conduttore AWG	26.....12

#### Ordering Data/Dati di Ordinazione

		Cat. No/Nr.Cat	Qty/Q.ta
Poliamide 6.6	BEIGE/BEIGE	<b>324 100i</b>	<b>25</b>

#### Mounting Rails/Guida di Montaggio

	Type/Tipo	Cat.No/Nr.Cat	Qty/Q.ta
MR 35 x 7.5	MR 35x7.5	<b>500 601i</b>	1m
MR 35 x 7.5 Slotted/Fessurata	Slotted/Fessurat	<b>500 602i</b>	1m
	MR 35x7.5	<b>500 603i</b>	2m
	Slotted/Fessurat	<b>500 604i</b>	2m
	MR 35x7.5	<b>500 605i</b>	30cm
	MR 35x15	<b>500 606i</b>	1m
	Slotted/Fessurat	<b>500 607i</b>	1m

#### End Bracket/Termine di Fissaggio

ES1	For/Per MR 35 & MR 35 BEIGE/BEIGE	ES3	<b>495 030i</b> 100
		ES1	<b>495 040i</b> 100

#### End Plate/Paretina

Thickness/Spessore 1.5mm	Poliamide 6.6	BEIGE/BEIGE	
EPT3	EPT3E	EPT2E	EP T3 <b>450 130i</b> 10

#### Small Partition/Separatore

SP1	BEIGE/BEIGE	SP1	<b>467 910i</b> 100

#### Cross-Connection/Ponticelli

	CC 2.5/2T	<b>480 132i</b>	25
	CC 2.5/3T	<b>480 133i</b>	20
	CC 2.5/4T	<b>480 134i</b>	15
	CC 2.5/10T	<b>480 139i</b>	5

#### Test Plug-Soc/Ins.Test Soc/Spine di Prova/Isolate

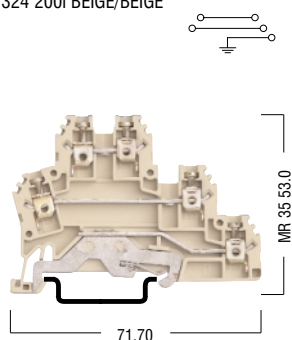
	TF (Ø2)	<b>493 023i</b>	5
	TSK 3 (Ø2.3)	<b>490 030i</b>	5

#### Group Marking/Gruppo di Siglatura

	GM BEIGE/BEIGE	GM	<b>496 110i</b> 50
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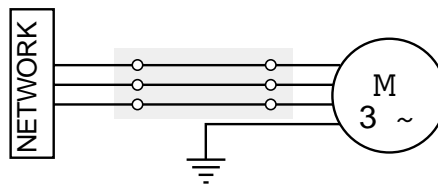
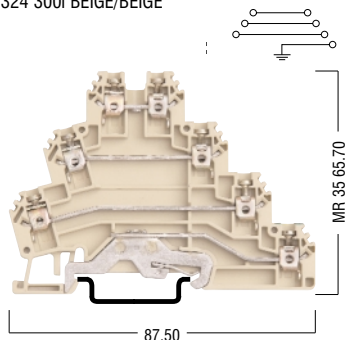
## ER T2E

Width/Larghezza 6mm  
324 200i BEIGE/BEIGE

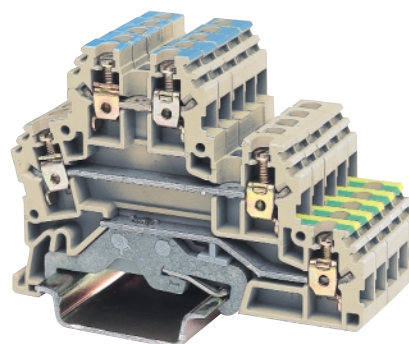
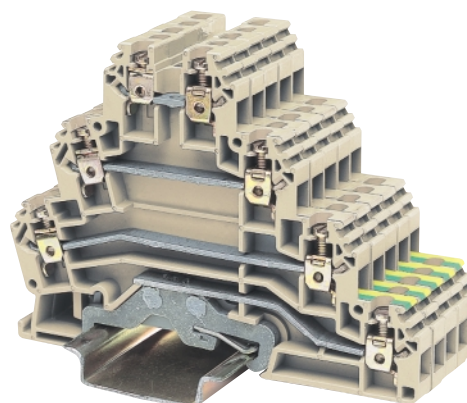
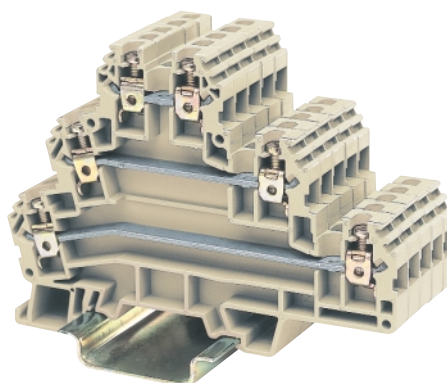


## ER T3E

Width/Larghezza 6mm  
324 300i BEIGE/BEIGE



500V~/24A/2.5mm <sup>2</sup>		500V~/24A/2.5mm <sup>2</sup>	
440V~/24A/2.5mm <sup>2</sup>		440V~/24A/2.5mm <sup>2</sup>	
300V~/24A/24...12AWG		300V~/24A/24...12AWG	
9mm		9mm	
0.5-4mm <sup>2</sup>		0.5-4mm <sup>2</sup>	
1.5-2.5mm <sup>2</sup>		1.5-2.5mm <sup>2</sup>	
26.....12		26.....12	
Cat. No/Nr.Cat	Qty/Q.ta	Cat. No/Nr.Cat	Qty/Q.ta
<b>324 200i</b>	<b>25</b>	<b>324 300i</b>	<b>25</b>
Type/Tipo	Cat.No/Nr.Cat	Qty/Q.ta	Type/Tipo
MR 35x7.5	<b>500 601i</b>	1m	MR 35x7.5
Slotted/Fessurat	<b>500 602i</b>	1m	Slotted/Fessurat
MR 35x7.5	<b>500 603i</b>	2m	MR 35x7.5
Slotted/Fessurat	<b>500 604i</b>	2m	Slotted/Fessurat
MR 35x7.5	<b>500 605i</b>	30cm	MR 35x7.5
MR 35x15	<b>500 606i</b>	1m	MR 35x15
Slotted/Fessurat	<b>500 607i</b>	1m	Slotted/Fessurat
ES3	<b>495 030i</b>	100	ES3
ES1	<b>495 040i</b>	100	ES1
EP T2E	<b>450 140i</b>	10	EP T3E
SP1	<b>467 910i</b>	100	SP1
CC 2.5/2T	<b>480 132i</b>	25	CC 2.5/2T
CC 2.5/3T	<b>480 133i</b>	20	CC 2.5/3T
CC 2.5/4T	<b>480 134i</b>	15	CC 2.5/4T
CC 2.5/10T	<b>480 139i</b>	5	CC 2.5/10T
TF (Ø2.3)	<b>493 023i</b>	5	TF (Ø2.3)
TSK 3 (Ø2.3)	<b>490 030i</b>	5	TSK 3 (Ø2.3)
GM	<b>496 110i</b>	50	GM



# ERT 3S Series

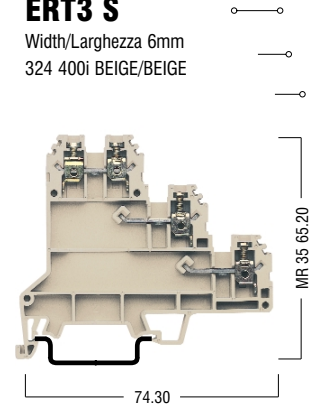
## Three level sensor terminals













### Morsetti a tre piani per sensori

In the field of machine constructions, inductive or capacitive proximity switches are increasingly used for actuation without physical contact. In general they are designed as "Three Wire Sensors". The positive and negative conductor transmits the switching pulses ERT 3S terminal blocks minimise wiring time and costs and cabinet space when terminating three wire devices such as sensors, proximity switches etc.

Nel campo delle costruzioni di macchinari si utilizzano sempre più di frequente, interruttori di prossimità induttivi o capacitivi in qualità di attuatori senza contatto fisico. Generalmente sono progettati come "sensori a tre fili", dove i conduttori positivo e negativo trasmettono gli impulsi di comando. I morsetti ERT 3S minimizzano quindi i tempi ed i costi di cablaggio ed inoltre salvano spazio nelle scatole di derivazione.

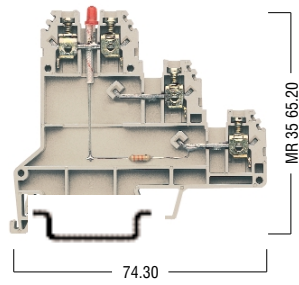
**ERT 3 S**  
Width/Larghezza 6mm  
324 400i BEIGE/BEIGE



<b>Electrical ratings/Caratteristiche nominali Elettriche</b>			
Voltage/Current/Cross section / Tensione/Corrente/Sezione	500V~/24A/2.5mm <sup>2</sup>		
VDE/VDE (IEC 60947-7-1)			
UL/UL			
Insulation stripping length/Spellatura carvo	9mm		
<b>Connection Data/Dati di Connessione</b>			
Solid Strand, Screw Connection/Cavo Rigido, Connessione a Vite	0.5-4mm <sup>2</sup>		
Fine Strand, Screw Connection/Cavo Flessibile, Connessione a Vite	1.5-2.5mm <sup>2</sup>		
AWG Conductor/Conduttore AWG	26.....12		
<b>Ordering Data/Dati di Ordinazione</b>		Cat. No/Nr.Cat	Qty/Q.ta
Poliamide 6.6		<b>324 400i</b>	<b>20</b>
<b>Mounting Rails/Guida di Montaggio</b>			
MR 35 x 7.5	MR 35 x 15	MR 35x7.5	500 601i 1m
MR 35 x 7.5 Slotted/Fessurata	MR 35 x 15 Slotted/Fessurata	Slotted/Fessurat	500 602i 1m
		MR 35x7.5	500 603i 2m
DIN EN 50022		Slotted/Fessurat	500 604i 2m
		MR 35x7.5	500 605i 30cm
		MR 35x15	500 606i 1m
		Slotted/Fessurat	500 607i 1m
<b>End Bracket/Terminale di Fissaggio</b>			
	ES1	For/Per MR 35 & MR 35 BEIGE/BEIGE	ES3 495 030i 100
			ES1 495 040i 100
<b>End Plate/Partition/Paretina</b>			
Thickness/Spessore 1.5mm	Poliamide 6.6	BEIGE/BEIGE	EPT3 S 450 160i 10
		EPT3S	
<b>Small Partition/Separatore</b>			
	SP1	BEIGE/BEIGE	SP1 467 910i 100
<b>Cross Connection/Ponticelli</b>			
	CC 2.5/2 T		480 132i 25
	CC 2.5/3 T		480 133i 25
	CC 2.5/4 T		480 134i 25
	CC 2.5/10 T		480 139i 25
<b>Test Plug-Soc/Ins.Test Soc/Spine di Prova/Isolate</b>			
	TF (Ø2.3)		493 023i 5
	TSK (Ø2.3)		490 030i 5
<b>Group Marking/Gruppo di Siglatura</b>			
	GM BEIGE/BEIGE	GM	496 110i 50

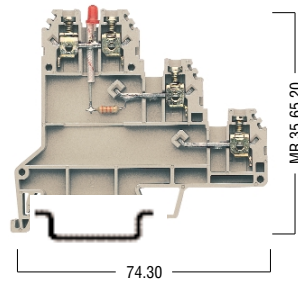
## ERT3 SLD

Width/Larghezza 6mm  
324 410i BEIGE/BEIGE



## ERT3 SLD

Width/Larghezza 6mm  
324 420i BEIGE/BEIGE



500V~/24A/2.5mm <sup>2</sup>		500V~/24A/2.5mm <sup>2</sup>			
9mm		9mm			
0.5-4mm <sup>2</sup>		0.5-4mm <sup>2</sup>			
1.5-2.5mm <sup>2</sup>		1.5-2.5mm <sup>2</sup>			
26.....12		26.....12			
Cat. No/Nr.Cat	Qty/Q.ta	Cat. No/Nr.Cat	Qty/Q.ta		
<b>324 410i (24 VDC)</b>	<b>20</b>	<b>324 420i (24 VDC)</b>	<b>20</b>		
Type/Tipo	Cat.No/Nr.Cat	Qty/Q.ta	Type/Tipo	Cat.No/Nr.Cat	Qty/Q.ta
MR 35x7.5	<b>500 601i</b>	1m	MR 35x7.5	<b>500 601i</b>	1m
Slotted/Fessurat	<b>500 602i</b>	1m	Slotted/Fessurat	<b>500 602i</b>	1m
MR 35x7.5	<b>500 603i</b>	2m	MR 35x7.5	<b>500 603i</b>	2m
Slotted/Fessurat	<b>500 604i</b>	2m	Slotted/Fessurat	<b>500 604i</b>	2m
MR 35x7.5	<b>500 605i</b>	30cm	MR 35x7.5	<b>500 605i</b>	30cm
MR 35x15	<b>500 606i</b>	1m	MR 35x15	<b>500 606i</b>	1m
Slotted/Fessurat	<b>500 607i</b>	1m	Slotted/Fessurat	<b>500 607i</b>	1m
ES3	<b>495 030i</b>	100	ES3	<b>495 030i</b>	100
ES1	<b>495 040i</b>	100	ES1	<b>495 040i</b>	100
EPT3 S	<b>450 160i</b>	10	EPT3	<b>450 160i</b>	10
SP1	<b>467 910i</b>	100	SP1	<b>467 910i</b>	100
CC 2.5/2 T	<b>480 132i</b>	25	CC 2.5/2 T	<b>480 132i</b>	25
CC 2.5/3 T	<b>480 133i</b>	25	CC 2.5/3 T	<b>480 133i</b>	25
CC 2.5/4 T	<b>480 134i</b>	25	CC 2.5/4 T	<b>480 134i</b>	25
CC 2.5/10 T	<b>480 139i</b>	25	CC 2.5/10 T	<b>480 139i</b>	25
TF (Ø2.3)	<b>493 023i</b>	5	TF (Ø2.3)	<b>493 023i</b>	5
TSK (Ø2.3)	<b>490 030i</b>	5	TSK (Ø2.3)	<b>490 030i</b>	5
GM	<b>496 110i</b>	50	GM	<b>496 110i</b>	50

