




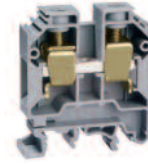
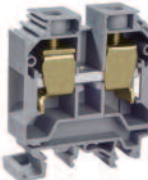



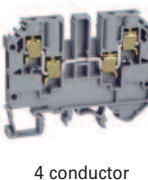
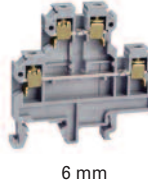


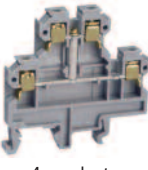

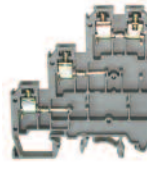
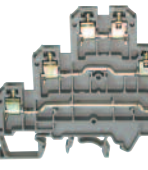
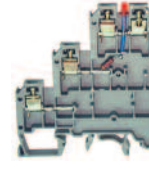
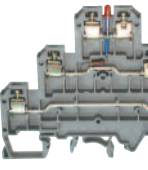
Visual Index

SCREW CLAMP 35 & 32 MM DIN RAIL, FEED THROUGH

SINGLE LEVEL

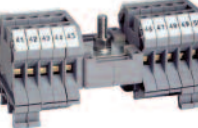
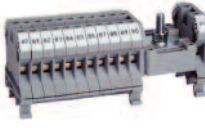




CTS2.5U-N	CTS4U-N	CTS6U	CTS10U	CTS16U	CTS25U
					
5 mm PAGE 12	6 mm PAGE 12	8 mm PAGE 13	10 mm PAGE 13	12 mm PAGE 13	12 mm PAGE 13

SINGLE LEVEL	HIGH CURRENT		MULTI CONNECTION		DOUBLE LEVEL
CTS35U	CTS50U	CTS95U	CMC1-2	CMC2-2	CDL4U
					
15 mm PAGE 14	150 Amp PAGE 14	230 Amp PAGE 14	3 conductor PAGE 15	4 conductor PAGE 15	6 mm PAGE 16





DOUBLE LEVEL		TRIPLE LEVEL			
CDL4U(I.S)	ODL4U	CTL2.5U-H	CTL2.5U	CTL2.5U-H(L)	CTL2.5U(L)
					
4 conductor PAGE 16	offset PAGE 17	for sensor/actuator PAGE 18	for motor circuits PAGE 18	for sensor/actuator PAGE 19	for motor circuits PAGE 19

SCREW CLAMP 35 & 32 MM DIN RAIL







DISTRIBUTION BLOCK

CDB4	CDB4(1)	CDB6	CDB10	CMDB4	CMDB6
					
50 Amp PAGE 20	50 Amp PAGE 20	100 Amp PAGE 21	130 Amp PAGE 21	35 Amp PAGE 21	50 Amp PAGE 22

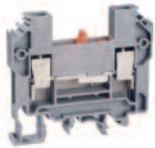
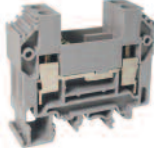




DISTRIBUTION BLOCK

CMDB10	80A TO 310A (7 TYPES)		
			
65 Amp PAGE 22	80-125 Amp PAGE 23	160-400 Amp PAGE 24	115-175 Amp PAGE 25

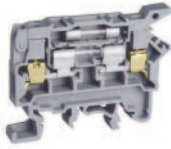
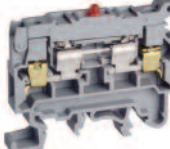
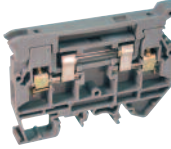
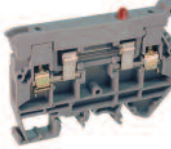
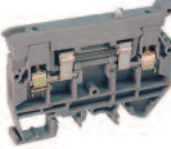

GROUND

CGT4U	CGT4N	CGT6N	CGT10U	CGT35U	CGMT4
					
DIN 35 & 32 mm Rail PAGE 26	DIN 35 mm Rail PAGE 26	DIN 35 mm Rail PAGE 27	DIN 35 & 32 mm Rail PAGE 27	DIN 35 & 32 mm Rail PAGE 27	DIN 15 mm Rail PAGE 27

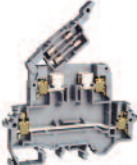
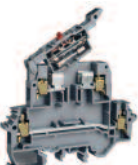
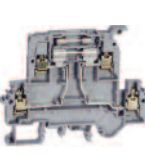
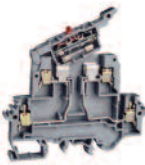


DISCONNECT

CDTTU	CDTTU-SH	CKT4U	CSDL4U	CSDL6U	DDDL4U
					
sliding link PAGE 28	sliding link PAGE 28	knife contact PAGE 29	lever PAGE 29	lever PAGE 29	double level PAGE 29

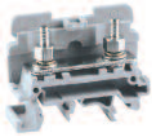

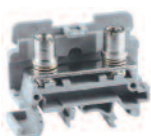
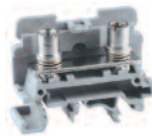
FUSE BLOCKS

CSFL4U	CSFL4U(L)	CAFL4U	CAFL4U(L)	CAFL4U(N)	CSFL6U
					
Ø5x20, Ø5x25 mm fuse PAGE 30	Ø5x20, Ø5x25 mm fuse with LED PAGE 30	Ø1/4 inch fuse PAGE 31	Ø1/4 inch fuse with LED PAGE 31	Ø1/4 inch fuse with neon PAGE 31	Ø5x20, Ø5x25 mm fuse PAGE 31

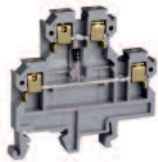
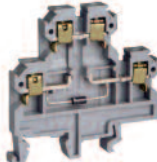
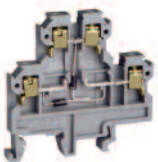
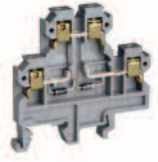
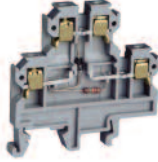
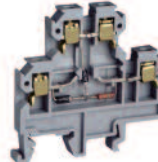
FUSE BLOCKS

DDFL4U	DDFL4U(E)	DDFL4ULR	DDFL4U(E)LR	FUSE HOLDER CB1038	THERMOCOUPLE CTT2.5 (4 TYPES)
					
double level PAGE 32	with LED PAGE 32	double level PAGE 33	with LED PAGE 33	Ø10x38 mm fuse PAGE 34-36	temperature measuring PAGE 37

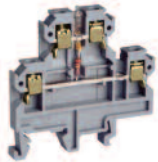
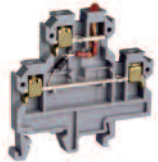
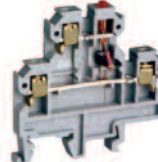
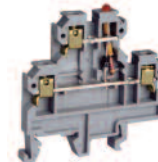
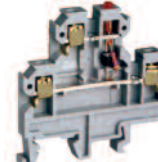
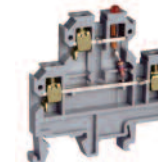
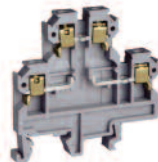
STUD TYPE TERMINAL BLOCKS

CSTSN4U	CSTSN5U	CSTSB4U	CSTSB5U
			
with nuts PAGE 38	with nuts PAGE 38	with barrel screws PAGE 39	with barrel screws PAGE 39

INDICATOR/DIODE

CDL4(E)D1/D2	CDL4(E)D3	CDL4U(E)DD1/DD2	CDL4U(E)DD3/DD4	CDL4U(E)D4	CDL4U(E)DD5
					
for contactors and solenoid PAGE 40	for reverse polarity PAGE 40	for lamp testing PAGE 41	for lamp testing PAGE 41	for lamp testing PAGE 41	for lamp testing PAGE 41

INDICATOR/DIODE

CDL4U(E)N1	CDL4U(E)LD5	CDL4U(E)LD3	CDL4U(E)LD4	CDL4U(E)LD1/LD2	CDL4U(E)L1/L2	CDL4U(O)
						
voltage indicator with neon PAGE 42	voltage indicator LED PAGE 42	voltage indicator LED PAGE 42	voltage indicator LED PAGE 43	voltage indicator LED PAGE 43	voltage indicator LED PAGE 43	component carrier PAGE 43

SURGE SUPPRESSORS

CDL4U(E)LA



Lightning Arrestor
PAGE 44

CDL4U(E)3LA



3 Pole Lightning Arrestor
PAGE 44

CDL4U(E)MOV



MOV
PAGE 45

CDL4U(E)3SD



Suppressor Diode
PAGE 45

CDL4U(E)RC



RC Circuit
PAGE 45

TAB CONNECTION TERMINALS

CTC4U



5 connection points
PAGE 46

CTS4U-TM



Termipoint®
PAGE 46

CDL4U-TM



Termipoint®
PAGE 46

CERAMIC TERMINAL BLOCKS

CB4



for 12 AWG
PAGE 47

CB6



for 10 AWG
PAGE 47

CB16



for 6 AWG
PAGE 47

MINI RAIL & PANEL MOUNT

FEED THROUGH

CMT4



6 mm
PAGE 48

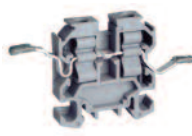
SOLDER CONNECTIONS

CMT4S



2 solder points
PAGE 48

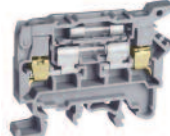
CMT4SU



2 uneven solder points
PAGE 49

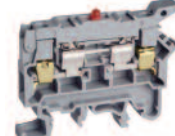
FUSE

CSFL4U



Ø5x20, Ø5x25 mm fuse
PAGE 49

CSFL4U(L)



Ø5x20, Ø5x25 mm fuse
with LED
PAGE 49

GROUND

CGMT4



6 mm
PAGE 49

MINI-FEED THROUGH

CMB4



6 mm
PAGE 50

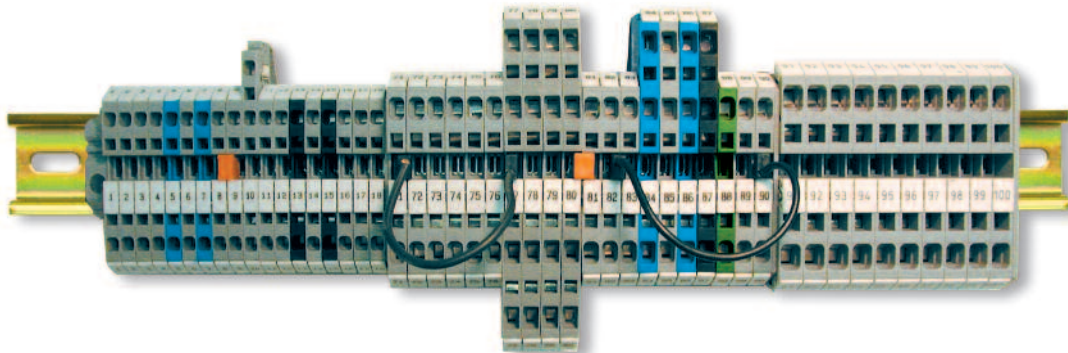
BUSBAR

CENC4/16/35




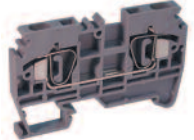
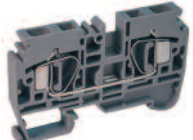
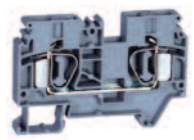
neutral & grounding
PAGE 51

Custom
Assemblies
Available









SPRING CLAMP 35 MM DIN RAIL



2 CONDUCTOR

CSC2.5T	CSC4T	CSC6T	CSC10T
			
5 mm PAGE 52	6 mm PAGE 52	8 mm PAGE 52	10 mm PAGE 53





MULTI-CONNECTION

CSC2.5T1-2	CSC2.5T2-2	CSC4T1-2	CSC4T2-2	CSC6T1-2	ADL2-5
					
3 conductor PAGE 53	4 conductor PAGE 53	3 conductor PAGE 53	4 conductor PAGE 54	3 conductor PAGE 54	double level PAGE 54

FUSE SPRING CLAMP

ASF4	ASF4(L)*
	
Ø5x20, Ø5x25mm PAGE 55	with LED PAGE 55

SPRING CLAMP GROUND

CSCG2.5T	CSCG4T	CSCG6T	CSCG10T
			
5 mm PAGE 56	6 mm PAGE 56	8 mm PAGE 57	10 mm PAGE 57

PANEL MOUNT

CSCP2.5T	CSCP2.5T2
	
5 mm PAGE 58	4 conductor PAGE 58


ACCESSORIES



DIN Rail
 Brackets
 End Stops
 Spacers
 Foot
 End Plates
 Cover
 Jumpers
 Marking Tags
 Warning Labels
 Plotters
 Mounting Tracks
 Receptacles

PAGE 60-79

EUROSTRIPS®



Flat Base
 Standoff
 Pluggable
 Accessories

20 - 63 Amps
PAGE 80-89

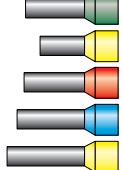
TOOLS



Crimping

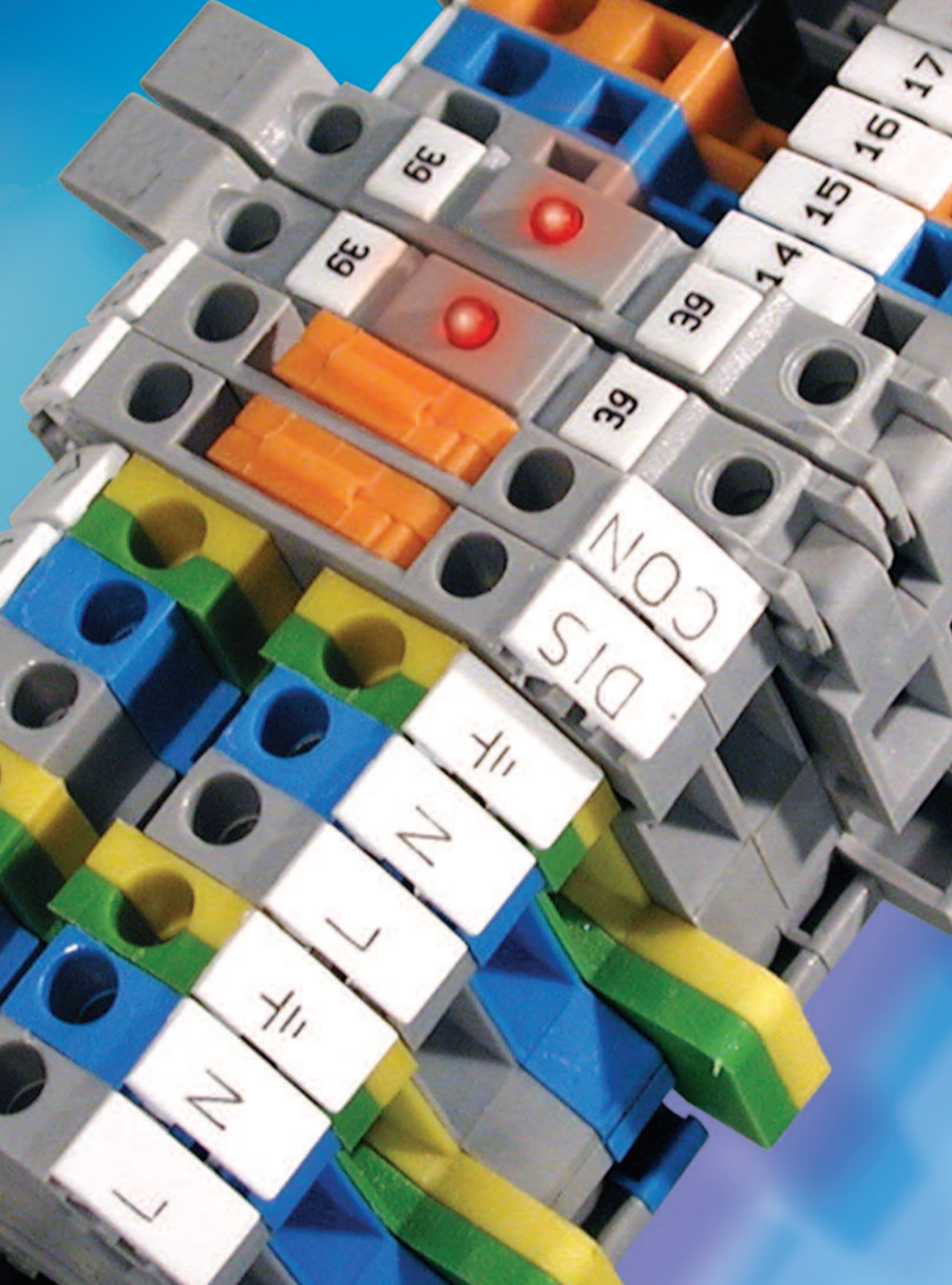
PAGE 91-92

FERRULES



Standard
 Insulated
 Uninsulated
 Dual Wire

PAGE 94-97



Whatever your needs from simple wire terminations to sophisticated electronic functions we have standard and miniature DIN Rail mounted terminal blocks to meet them. Available as individual terminal blocks or in custom-made assemblies

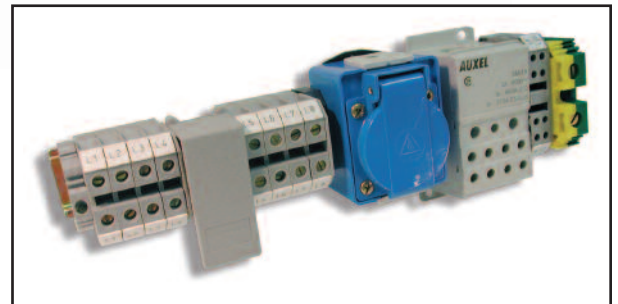
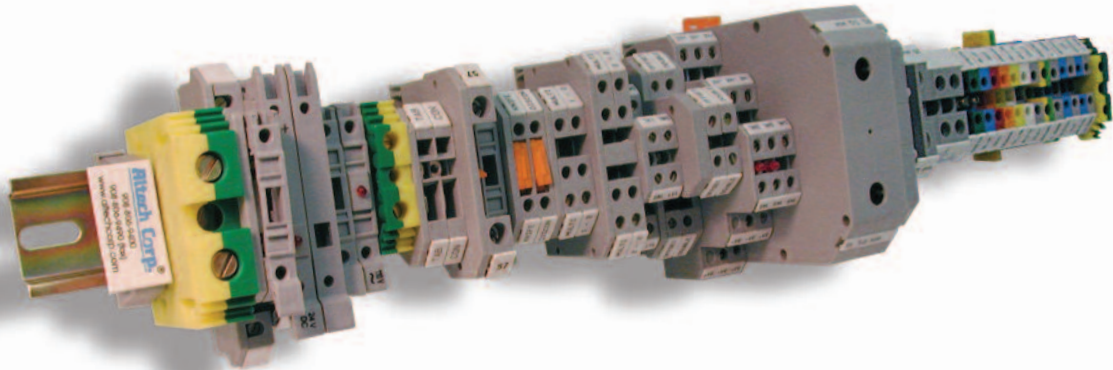
- Feed-through
- Disconnect
- High current
- Multi-level
- Ground
- Fuse
- Integrated electronics, standard and custom

When you are competing in the global marketplace, you need world-class capabilities. DIN Rail components put those capabilities at your fingertips.

DIN RAIL TERMINAL BLOCKS

THE DIN CONCEPT

The heart of the philosophy is the standardized DIN Rail and snap-on terminal block. The DIN Rail makes possible a compact, organized arrangement of terminal blocks and other DIN Rail mount components. This gives more than just the appearance of quality; it saves time and space, enhances design capabilities and provides a centralized connect-disconnect area where external and/or internal wiring can be connected quickly and efficiently. At the same time, the DIN concept allows designers to take advantage of constant advances in terminal block technology. DIN Rail components do more than terminate wires. They distribute power and ground, protect against overloads and perform a host of other sophisticated functions. Whatever the application: control systems, instrumentation, automation—DIN Rail terminal blocks can help you create it and keep it as up-to-date as tomorrow.

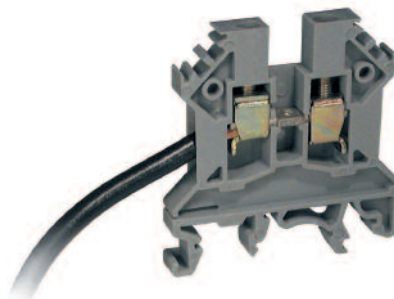


SCREW CLAMP TERMINAL BLOCK

A terminal blocks feature screw clamps for maximum wiring efficiency and reliability. The blocks are supplied with open clamps, ready to accept wires. No special wire preparation or wire lugs are required. Simply strip the wire, insert and tighten the screw to the torque for gas-tight, vibration resistant, solid connections.

The screw clamp design uses a tin-plated, solid copper or solid brass current bar with grooved serration, a steel cage clamp and screws. As the clamp is tightened, the wire is pressed firmly against the current bar, ensuring positive connections every time. The steel parts are zinc plated and passivated by a golden yellow chromate layer for maximum resistance against oxidation.

When applying tightening torques, use our straight blade screwdriver to fit the screw hole guides located in the terminal block housings.

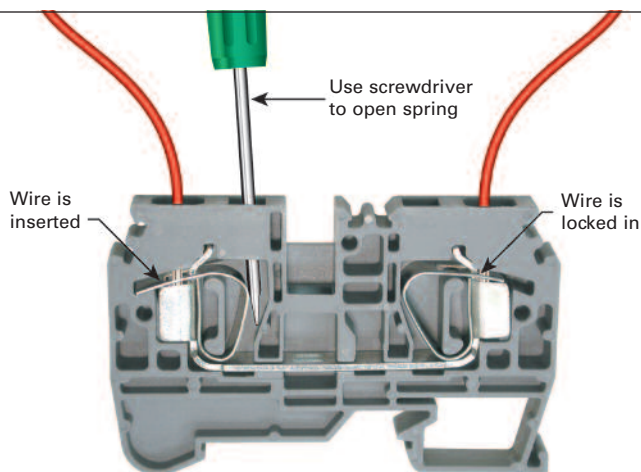


SPRING CLAMP CONNECTION

The spring clamp series terminal blocks offer a time saving alternative to the popular screw clamp connection.

The pre-stressed spring is opened using a tool (screw driver) so the conductor can be inserted into the insertion space through an opening in the spring leg. The conductor is pulled against the current bar under spring force when the tool is removed.

A high contact force is achieved by the design of the spring clamp system. The design delivers a secure and reliable connection for any application.

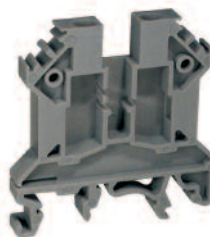


HOUSINGS

The metal parts of terminal blocks are housed in precision-molded, self-extinguishing polyamide 6.6 material for maximum dielectric strength, electrical insulation and temperature resistance. Standard features on all housings include funnel-shaped wire entry openings and screwdriver guides.

SPECIFICATIONS

Material	Polyamide 6.6
Specific Gravity	1.2 - 1.5
Upper Limit Temperature	105°C*
Lower Limit Temperature	- 50°C
Volume Resistivity	10 ¹² Ω cm
Surface Resistivity	10 ¹⁰ Ω
Dielectric Strength	400KV/cm
Flammability (UL 94)	V2 Grade*



* All blocks are available with 130°C material, VO grade, on request.

ATEX APPROVED TERMINAL BLOCKS **AEx eII EEx eII**

Many of terminal blocks are **AEx eII EEx eII** ATEX* approved. They can be used in potentially explosive applications which may occur in chemical and petrochemical industry. These terminals can be used in Class 1, Zones 0, 1 and 2 hazardous locations. These terminal blocks comply to EN 500019.

The ATEX Directive besides taking into account the electrical sources of explosion, also considering potentially explosive concentrations of gas, vapor or mist along with dust in the air. The ATEX Directive identities two groups of equipment as per EN 50014.

Group 1 where the equipment is intended for use in mining applications.

Group 2 where the equipment is intended for all situations other than mines.

These groups are further classified into Zones. Zones are areas where there is risk of flammable material being released in the atmosphere. These zones describe the probability of a flammable material being released to atmosphere in explosive concentrations.

Zone 0 is the highest risk zone where an explosive atmosphere is expected to exist continuously or for very long periods of time.

Zone 1 is an area where an explosive atmosphere is expected to exist for short periods of time, but during a year the accumulation of such events is not in excess of 10000 hours.

Zone 2 is an area where an explosive concentration of flammable material is not expected and should it be released it will only exist for a very short period of time and where the accumulation of events over a year does not exceed much in excess of 10 hours.

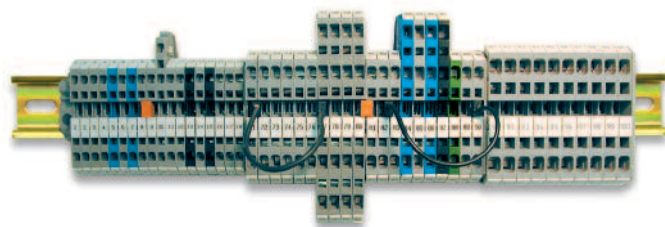
*CERT #TUV 06 ATEX 29684

CUSTOM ASSEMBLIES

The beauty of the DIN Rail concept is its convenience; the unsurpassed ease with which many different components and devices can be mounted on the same rail.

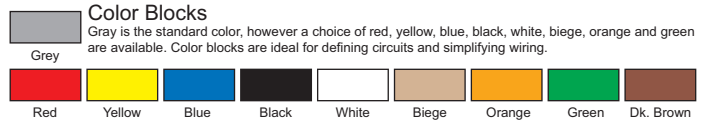
order custom designed assemblies with a single part number or, for that matter, your own drawing number. No need to order a multitude of parts, no more unwanted inventories of bulk-packaged accessories.

Send your drawings or specifications, and our experienced staff will build, mark and ship your assembly, ready for installation. Our on-staff engineers will also assist you in reviewing your drawings.



COLOR BLOCKS

Gray is the standard color, however a choice of red, yellow, blue, black, white, biege, orange and green are available. Color blocks are ideal for defining circuits and simplifying wiring.



ACCESSORIES

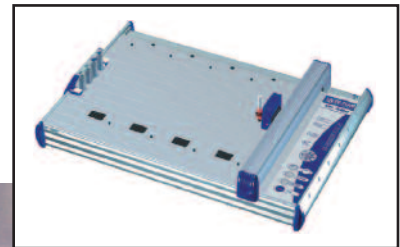
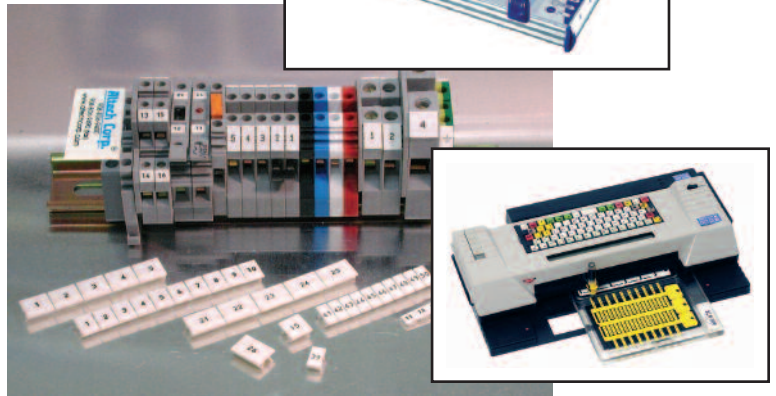
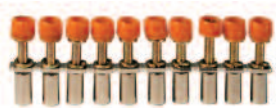
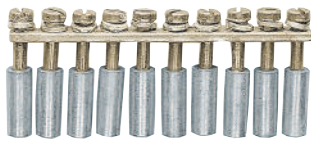
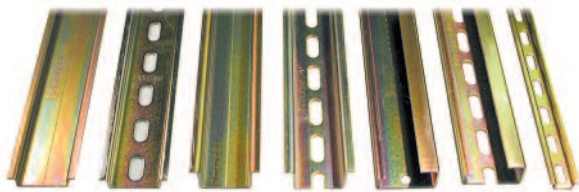
A comprehensive array of DIN Rail accessories, carefully crafted to enhance your design capabilities and to put the crucial finishing touch on your designs.

Internal and External Jumpers are available in standard 2, 3, 4 and 10 pole assemblies for interconnection to distribute potentials within terminal block assemblies.

Marking Tags make DIN Rail assemblies easier to wire and facilitate troubleshooting. extensive terminal block marking system includes standard or custom imprinted snap-on tags in a variety of sizes for circuit identification. The marking system offers two different versions of marking systems for printing of accessories.

DIN Rails are internationally standardized and available in 35mm, 32mm, and 15mm sizes, with or without perforations.

To help with your selection, the appropriate rail size for each terminal block is listed in the ordering information on each page. Additional selection and ordering information for DIN Rails can be found in the Accessories Section.



Last, but not least, the indispensable extras. End Stops prevent terminal blocks and other components from sliding laterally on the rail. End Plates close off the last terminal in a row of terminals. Isolation Partitions provide visual separation of terminal groups and ensure electrical isolation between adjacent terminals of different potentials. A wide selection of insulated and uninsulated ferrules is offered for your applications and whenever stranded flexible wires must be terminated.

Finally, carefully chosen, top-quality tools make wire preparation and connection fast, easy and efficient. Our selection includes insulated and uninsulated screwdrivers, wire strippers and hand, power and semi-automatic crimpers.

