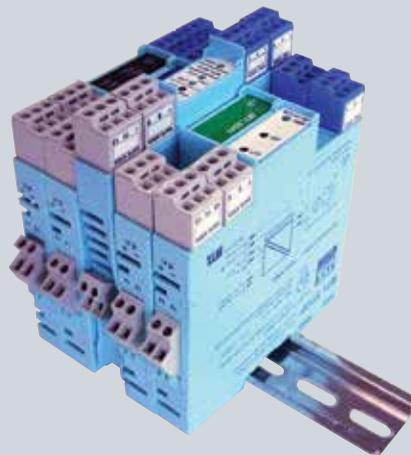




## MTL5000 to MTL5500 Series migration

**Crouse-Hinds**  
by **Eaton**



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## MTL5000 SERIES



After many years of excellent service many products in the MTL5000 range are now being replaced by the new MTL5500 series modules. The MTL5500 offers many advancements in design and performance along with new functionality and higher packing density.

Some of the MTL5000 series will be retained to complete the DIN rail isolator range from MTL. These, along with the new MTL5500, provide a comprehensive and flexible product offering. Many of the MTL5500 modules are also available in the MTL4500 backplane mounting format, giving uniformity across MTL's DIN rail and system solutions.

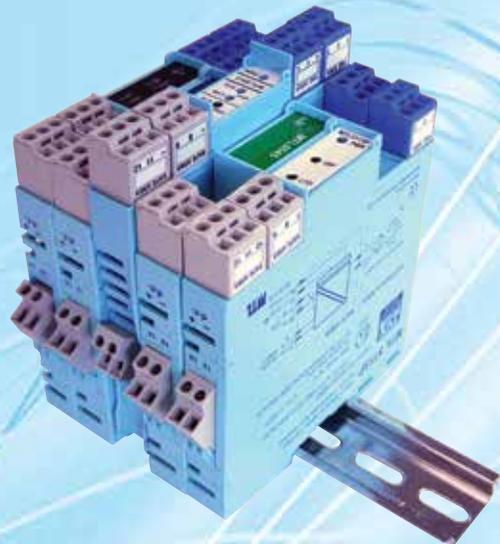
The MTL5000 modules, due for termination, will continue in manufacturing until the end of 2013. However, any requirements for spares must be identified as soon as possible to ensure availability.

## MTL5500 SERIES

### MTL5500 replacement in existing installations

The MTL5500 is designed with the same 16mm case width and similar profile to the MTL5000 series. This permits the replacement of an MTL5000 module with the new equivalent in the MTL5500 range.

In most instances the cable connection to the field terminals are identical so the module can simply be replaced and the terminals reconnected in a matter of seconds. The power supply plugs are also compatible on both ranges.



The table on the next page shows the migration path for each of the modules in the MTL5000 series. If you require any further help or information, please contact your local MTL representative.

MTL5000	Function	MTL5500	Notes
MTL5011B	1ch, changeover relay output	MTL5511	
MTL5012	1ch, solid-state output		Use 1ch of MTL5513
MTL5012S	1ch, solid-state output, UE1 special		No replacement
MTL5014	1ch, c/o relay output, LFD relay	MTL5514/14D	MTL5514 does not provide 1in 2out function. MTL5514D with 1in 2out available Q1 2014
MTL5015	2ch, solid-state output	MTL5513	Common connection on haz side, max frequency response 500Hz
MTL5016	2ch, n/o relay output	MTL5516C	
MTL5017	2ch, n/o relay output, LFD relay	MTL5517	LFD relay energises on alarm
MTL5018	2ch, changeover relay output	MTL5516C	Common connection on haz side
MTL5018ac	2ch, changeover relay output, ac power		Continues as MTL5018ac. Alternative option: MTL5516C fitted with MPA5500 ac adaptor
MTL5021	Loop powered, IIC, (12.85V, 45mA, cl 45mA)	MTL5521	(12.8V, 48mA, cl 48mA)
MTL5022	Loop powered, IIB, (12.9V, 60mA, cl 60mA)	MTL5522	(9.9V, 70mA, cl 70mA)
MTL5023	Logic ctrl, lfd, phase,(12.85V, 45mA, cl 45mA)	MTL5523	(12.8V, 48mA, cl 48mA)
MTL5024	Logic ctrl, phase, (12.85V, 45mA, cl 45mA)	MTL5524	(12.8V, 48mA, cl 48mA)
MTL5025	Loop powered, IIC, (8.6V, 45mA, cl 45mA)	MTL5525	(7V, 48mA, cl 48mA), lower lo
MTL5031	Vibration transducer interface	MTL5531	Now Velomitor compatible
MTL5032	Pulse isolator	MTL5532	Now with 4-20mA output and alarm
MTL5040	Loop isolator		Use MTL5541 and MTL5546Y
MTL5041	For 2-wire transmitters	MTL5541	
MTL5042	For 2- or 3-wire txs, smart	MTL5541	
MTL5043	Dual output for 2-wire smart txs	MTL5544D	No current sink o/p. Passive Tx input
MTL5044	Two channel for 2-wire txs	MTL5544	Now with passive Tx inputs
MTL5045	Isolating driver	MTL5546Y	Smart only versions
MTL5046	Smart isolating driver with LFD	MTL5546	
MTL5049	Two channel isolating driver	MTL5549Y	Smart only versions
MTL5051	Serial-data comms isolator		Continues as MTL5051 model
MTL5053	Fieldbus isolator/power supply		Discontinued
MTL5061	Fire/smoke detector interface	MTL5561	
MTL5073	Temperature converter	MTL5575	Now with trip alarm
MTL5074	Temperature converter	MTL5575	Now with trip alarm
MTL5081	mV/THC isolator	MTL5581	
MTL5082	Resistance isolator	MTL5582	
MTL5113P	Failsafe sw/prox interface	MTL5501-SR	
MTL5314	Trip amplifier		Continues as MTL5314 model
MTL5344	Repeater power supply		Discontinued
MTL5349	Isolating driver		Discontinued
MTL5991	24V power supply		Continues as MTL5991 model
MTL5995	Fieldbus power supply		Convert to F10X range product

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