

New –plug in termination
for ease of replacement
–3-module wide (54 mm)
–dual colour LED display



Modular Din rail mounting digital timing, counting, control and monitoring devices available in a compact housing design. Offers many innovative features such as various relay output options as well as “re-tx” (re-transmit) function offering an additional 4-20 mA output with specific monitoring devices.

- Standard supply voltages AC: 12V, 24V, 48V, 110V, 240V, 400V, 500V, 525V
DC: 12V, 24V, 48V (isolated supply available on request + **R160.00**)
DC: 5V, 18-36V, 36-72V (isolated supply available on request + **R300.00**)

type	description	4-20mA	range	re-tx	relays
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Digital timing devices and pre-select counter

Feature ability to continue from where left off in the event of a power loss during timing.

D3MFT1	multi-function timer	–	1sec - 9999 hrs	–	1
D3ACT1	accumulation timer	–	1sec - 100 hrs	–	2
D3RHM1	running hour meter	–	1sec - 9999 hrs	–	1
D3CNT1	counter / frequency monitor	–	4 or 8 digit mode	–	1
D3CWT1	digital clockwork timer	–	0-100min or hrs	–	1

Voltage indicator / monitor (DIN rail mount)

Monitors and displays true RMS single or three phase supply voltages.

D3VM11	single phase voltage monitor	–	0 - 300V* (1ph)	–	1
D3VM11-T	single phase voltage monitor	yes	0 - 300V* (1ph)	yes	1
D3VM31(N)	3 ph voltage & frequency monitor	–	0 - 500V (3ph)	–	1
<i>(N) software selectable neutral monitoring as well</i>					
D3VMD1	DC voltage monitor	–	0 - 150V*	–	1
D3VMD1-T	DC voltage monitor	yes	0 - 150V*	yes	1

Frequency indicator / monitor (DIN rail mount)

D3SFM1	single phase frequency monitor		0 - 9999Hz		1
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Current monitors (DIN rail mount)

Monitors and displays true RMS AC current signal from current transformers.

D3CMA1-1	AC current monitor	–	0 - 1 A	–	1
D3CMA1-1-T	AC current monitor	yes	0 - 1 A	yes	1
D3CMA1-5	AC current monitor	–	0 - 5 A	–	1
D3CMA1-5-T	AC current monitor	yes	0 - 5 A	yes	1
D3CMD1	DC current monitor	–	0-50mV*	–	1
D3CMD1-T	DC current monitor	yes	0-50mV*	yes	1

* Other voltages available on request

0-10V re-transmit available on request

Temperature controllers

Monitors and displays temperature using various temperature sensors.

		sensor			
D3TC1*	temperature controller	TS3 probe	-30°C to 105°C	–	1
D3TC2*	temperature controller	TS3 probe	-30°C to 105°C	–	2
D3TCT1	temp controller & 24hr timer	TS3 probe	-30°C to 105°C	–	2

TS3 temperature probe for above controllers (3 meter cable)
longer cable per meter

* Can be used with one or two TS3 temperature probes (for high and low temp monitoring)

D3HTC1	temperature controller	PT100	-50°C to 440°C	–	1
D3HTC1-T	temperature controller	PT100	-50°C to 440°C	yes	1
D3HTCT1	temp controller & 24hr timer	PT100	-50°C to 440°C	–	2

D3TTC1	temperature controller	thermocouple	-50°C to 1320°C	–	1
D3TTC1-T	temperature controller	thermocouple	-50°C to 1320°C	yes	1
D3TTC2	temperature controller	thermocouple	-50°C to 1320°C	–	2
D3TTC1-T	temp controller & 24hr timer	thermocouple	-50°C to 1320°C	–	2