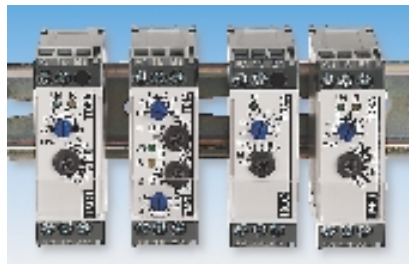


Electronic Timers — continued

Monofunction: TDEA, TDIA, TDAA, TDAB



H = 64, W = 22.5, D = 75



- On-delay, asymmetrical recycling and true off-delay
- DIN rail mount 22.5mm
- 8 timing ranges – front panel selectable
- SPCO 5A output relay
- Indicators for range, power and timing
- Integral voltage selector
- 24V AC/DC or 110 – 230V AC

Time ranges: 1,10 secs, mins, hrs, days (TDEA, TDIA)
 1 sec – 3 mins (TDAA)
 1 sec – 10 mins (TDAB)

Operating modes
 A: On-delay (TDEA)
 T: True off-delay (TDAA, TDAB)
 R: Cyclic timer pulse started (TDIA)
 Rp: Cyclic timer pause started (TDIA)

Contact configuration: 1 C/O
 Temperature: -25° to +55°C
 Supply voltage: TDEA110AC = 24V AC/DC and 110V AC
 TDEA230AC = 24V AC/DC and 230V AC
 TDAA, TDAB, TDIA = 24V AC/DC and 110-230V AC



TIM157

Mfrs. List No.	Order Code	1+	5+	10+	25+	50+
TDEA110AC	332-9082					
TDEA230AC	332-9094					
TDIA	332-9100					
TDAA	332-9112					
TDAB	332-9124					

Electronic STAR-DELTA Timer – TDS



- Adjustable electronic Star/Delta timer
- DIN rail mount 22.5mm
- Adjustable Star-time range and Star/Delta transfer time
- SPCO output relay with rest position
- Indicators for range, power and timing
- Integral voltage selector
- 24V AC/DC or 110 – 230V AC

H = 64, W = 22.5, D = 75



TIM158

Time ranges: Star-time 0.5 sec to 3 mins
 Star/Delta transfer times 40, 60, 80 and 100 ms

Operating modes
 S: Star/Delta

Contact configuration: 1 C/O with centre rest position
 Contact rating: 8A @ 250V ac
 Temperature: -25° to +55°C

Mfrs. List No.	Order Code	1+	5+	10+	25+	50+
TDS	332-9136					

Multirange Electronic Timers

Ultra-Slim, Multifunction – H3RN Series



- Standard multiple time ranges and multiple operating modes
- Compatible with Omron G2R relays and sockets
- SPCO or SPNO contact outputs available
- Conforms to VDE0435/P2021 and EMC standards
- UL and CSA approved

H = 47.4, W = 12.8, D = 28.8



Operating modes
 A : ON delay
 B : Interval timing
 C : Recycling OFF start
 D : Recycling ON start

Time ranges
 Short range models 0.1-1s, 1-10s, 0.1-1m, 1-10m
 Long range models 0.1-1m, 1-10m, 0.1-1h, 1-10h

106

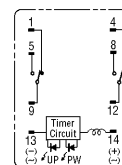
Voltage	Mfrs. List No.	Order Code	1+	5+	10+	50+
Short Range Timer - SPCO						
24V ac	H3RN-1 24VAC	.734-380				
12V dc	H3RN-1 12VDC	.734-391				
24V dc	H3RN-1 24VDC	.734-408				
Short Range Timer - DPNO						
24V ac	H3RN-2 24VAC	.734-410				
12V dc	H3RN-2 12VDC	.734-421				
24V dc	H3RN-2 24VDC	.734-433				
Long Range Timer - SPCO						
24V ac	H3RN-11 24VAC	.734-445				
12V dc	H3RN-11 12VDC	.734-457				
24V dc	H3RN-11 24VDC	.734-469				
Long Range Timer - DPNO						
12V dc	H3RN-21 12VDC	.734-482				
24V dc	H3RN-21 24VDC	.734-494				
Sockets						
SPCO Surface/DIN rail		.179-343.	1+	20+	100+	
SPCO PCB		.992-070				
DPCO Surface/DIN rail		.224-730.				
DPCO PCB		.992-082				

Miniature 4 Pole Changeover – H3YN Series

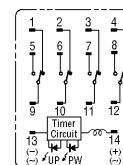


H = 56.6, W = 21.5, D = 28

- Pin compatible with Omron MY relays
- Standard multiple operating modes and multiple time ranges
- DPDT or 4PDT contact outputs available
- Conforms to VDE 0435/P2021
- UL and CSA approved



DPCO



4PCO

Operating modes
 A: ON delay
 B: Interval timing
 C: Recycling OFF start
 D: Recycling ON start

Time ranges
 Short range models 0.1s-1s, 1s-10s, 0.1m-1m, 1m-10m
 Long range models 0.1m-1m, 1m-10m, 0.1h-1h, 1h-10h

120

Voltage	Mfrs. List No.	Order Code	1+	5+	10+	25+	50+
Short Range Timer – DPCO							
24V ac	H3YN-1-24AC	986-800					
24V dc	H3YN-2-24DC	986-811					
110V ac	H3YN-2-100/120AC	986-823					
230V ac	H3YN-2-200/230AC	986-835					
Long Range Timer – DPCO							
24V ac	H3YN-21-24AC	986-847					
24V dc	H3YN-21-24DC	986-859					
110V ac	H3YN-21-100/120AC	986-860					
230V ac	H3YN-21-200/230AC	986-872					
Short Range Timer – 4PCO							
24V ac	H3YN-4-24AC	986-884					
24V dc	H3YN-4-24DC	986-896					
110V ac	H3YN-4-100/120AC	986-902					
230V ac	H3YN-4-200/230AC	986-914					
Long Range Timer – 4PCO							
24V ac	H3YN-41-24AC	986-926					
24V dc	H3YN-41-24DC	986-938					
110V ac	H3YN-41-100/120AC	986-940					
230V ac	H3YN-41-200/230AC	986-951					
Sockets							
DPCO Surface/DIN rail		529-734.	1+				
DPCO Chassis		986-975					
DPCO PCB		986-987					
4PCO Surface/DIN rail		.176-963.					
4PCO Chassis		427-342.					
4PCO PCB		427-354.					
Retaining Clips							
Surface/DIN rail		103-924.					
Chassis/PCB		424-651.					