

NO: TI-050
DATE: March 2014

PRODUCT: H3CR Analog Timers
TYPE: Discontinuation Notice

Select H3CR Timer Models were Discontinued with the Supply Voltage Consolidation in April 2013

To make H3CR timers easier to stock, Omron consolidated four supply voltage options into two:

- Low supply voltage models: AC24-48/DC12-48
- High supply voltage models: AC100-240/DC100-125

Affected Parts

Product discontinuation	Recommended replacement
Type H3CR-A-300 AC100-240/DC100-125	Type H3CR-A AC100-240/DC100-125 300H
Type H3CR-A-300 AC24-48/DC12-48	Type H3CR-A AC24-48/DC12-48 300H
Type H3CR-F DC12	Type H3CR-F AC24-48/DC12-48
Type H3CR-F DC48-125	Type H3CR-F AC24-48/DC12-48 or Type H3CR-F AC100-240/DC100-125
Type H3CR-F-300 AC/DC24	Type H3CR-F AC24-48/DC12-48
Type H3CR-F-300 DC12	Type H3CR-F AC24-48/DC12-48
Type H3CR-F-300 AC100-240	Type H3CR-F AC100-240/DC100-125
Type H3CR-F-300 DC48-125	Type H3CR-F AC100-240/DC100-125
Type H3CR-F8 DC12	Type H3CR-F8 AC24-48/DC12-48
Type H3CR-F8 DC48-125	Type H3CR-F8 AC24-48/DC12-48 or Type H3CR-F8 AC100-240/DC100-125
Type H3CR-F8-300 AC/DC24	Type H3CR-F8 AC24-48/DC12-48
Type H3CR-F8-300 AC100-240	Type H3CR-F8 AC100-240/DC100-125
Type H3CR-F8-300 DC12	Type H3CR-F8 AC24-48/DC12-48
Type H3CR-F8-300 DC48-125	Type H3CR-F8 AC24-48/DC12-48 or Type H3CR-F8 AC100-240/DC100-125
Type H3CR-F8N DC12	Type H3CR-F8N AC24-48/DC12-48
Type H3CR-F8N DC48-125	Type H3CR-F8N AC24-48/DC12-48 or Type H3CR-F8N AC100-240/DC100-125
Type H3CR-F8N-300 AC/DC24	Type H3CR-F8N AC24-48/DC12-48
Type H3CR-F8N-300 AC100-240	Type H3CR-F8N AC100-240/DC100-125
Type H3CR-F8N-300 DC12	Type H3CR-F8N AC24-48/DC12-48
Type H3CR-F8N-300 DC48-125	Type H3CR-F8N AC24-48/DC12-48 or Type H3CR-F8N AC100-240/DC100-125
Type H3CR-FN DC12	Type H3CR-FN AC24-48/DC12-48
Type H3CR-FN DC48-125	Type H3CR-FN AC24-48/DC12-48 or Type H3CR-FN AC100-240/DC100-125
Type H3CR-FN-300 AC/DC24	Type H3CR-FN AC24-48/DC12-48
Type H3CR-FN-300 AC100-240	Type H3CR-FN AC100-240/DC100-125
Type H3CR-FN-300 DC12	Type H3CR-FN AC24-48/DC12-48
Type H3CR-FN-300 DC48-125	Type H3CR-FN AC24-48/DC12-48 or Type H3CR-FN AC100-240/DC100-125

Detail of Differences

Characteristics

Item	Product discontinuation Model H3CR-F[] (DC12V)	Recommended replacement Model H3CR-F[] (AC24-48/DC12-48V)
Rated supply voltage	DC12V	AC24-48/DC12-48V

Item	Product discontinuation Model H3CR-F[] (DC48-125V)	Recommended replacement Model H3CR-F[] (AC24-48/DC12-48V)
Rated supply voltage	DC48-125V	AC24-48/DC12-48V

Item	Product discontinuation Model H3CR-F[] (DC48-125V)	Recommended replacement Model H3CR-F[] (AC100-240/DC100-125V)
Rated supply voltage	DC48-125V	AC100-240/DC100-125V
Power consumption	DC125V : approx. 1.5W	DC125V : approx. 0.8W

Operation ratings

Product discontinuation Model H3CR-F[] (DC12V)	Recommended replacement Model H3CR-F[] (AC24-48/DC12-48V)
Inrush current (reference value) 0.052A (at DC13.2V Input)	Inrush current (reference value) 0.285A (at DC13.2V Input)

Product discontinuation Model H3CR-F[] (DC48-125V)	Recommended replacement Model H3CR-F[] (AC100-240/DC100-125V)
Inrush current (reference value) 0.5A (at DC137.5V Input)	Inrush current (reference value) 0.31A (at DC137.5V Input)