

New Tests on Wireway Connectors Identify Productivity Leader

Installation Time Test Quick-Connect Method vs. Industry Standard

The Quick-Connect method was proven to be the most efficient choice for increasing Hinge Cover Wireway installation productivity.



Quick-Connect Method

Description of Comparison & Testing

- RSMeans data was collected to determine the installation time and the number of installers required to install various sizes of traditional wireway.
- Time studies were conducted to determine the time required to install hinge cover wireway using both the industry standard wireway connectors and the new Quick-Connect method.
- The time saved using the new Quick-Connect method was subtracted from the RSMeans data.
- The savings in % labor, (\$) per piece, and (\$) per hundred pieces was calculated to provide an estimate of total installed cost savings.

Savings Calculation

Wireway Size	Traditional Wireway Connector			Quick-Connect Method				
	RSMeans* Min/Piece	RSMeans* # Installers	Labor \$/Piece	Tested Min/Piece	Labor \$/Piece	Labor % Savings	Savings \$/Piece	Savings \$/100 Pieces
4" x 4"	12	1	12	10.3	10.3	14.2	1.70	170
6" x 6"	16	2	32	12.7	25.4	20.6	6.60	660
8" x 8"	24	2	48	19.8	39.6	17.5	8.40	840
10" x 10"	32	2	64	27.0	54.0	15.6	10.00	1000
12" x 12"	48	2	96	42.0	84.0	12.5	12.00	1200

* "Electrical Cost Data" RSMeans, 29th Annual Edition, 2006

Conclusion:

The Quick-Connect method proves to deliver a significant reduction in both installation time and effort. To increase productivity on future wireway installations, the New Quick-Connect Wireway System should be considered for the job.

ENCRHCWTS-07