



DaveyDet® a wide range of delays to answer most of electric blast plan requirements.

The 800 mg PETN base charge confers a full priming compatibility with commercial explosives.

	Instantaneous	Short Delay Series 30 Delay Numbers	Delay Series 12 Delay Numbers
Nominal firing time	Instantaneous Depending on the blasting sequence, down to a millisecond	<b>CR n°1 to 20:</b> 25 to 500 ms with 25 ms interval <b>CR n°24 to 40:</b> 600 to 1000 ms with 100 ms interval <b>CR n°48 to 80:</b> 1200 to 2000 ms with 200 ms interval	<b>n°1 to 12 :</b> 0.5 to 6 s with 500 ms interval

**STANDARD LENGTH**

Format and Length*	Wire definition*
Folded - 4, 6 and 8 m	Cu 0.51 mm / AWG24 / PVC 0.17 Ω /m
Spoiled - 10, 15, 20, 30, 40 and 50 m	Cu 0.60 mm /AWG23 / PE 0.12 Ω /m

\* Other lengths and wires available on special request. Please contact your Davey Bickford representative.

**TECHNICAL CHARACTERISTICS**

Characteristics	Medium Intensity (N59K)	High Intensity (N130K)	Super High Intensity (N165K)
Fusehead resistance (Ω)	0.32 Ω ± 0.10Ω	0.04 Ω ± 0.01 Ω	0.035 ± 0.015 Ω
Guaranteed No fire current, I0 (A)	0.65 A	4.2 A	4.5 A
Guaranteed All fire current, I1 (A)	1.00 A	7.00 A	11.00 A
Maximum no fire energy, W0 (mJ/Ω)	8 mJ/Ω	500 mJ/Ω	1100 mJ/Ω
Maximum all fire energy, W1 (mJ/Ω)	15 mJ/Ω	1000 mJ/Ω	2000 mJ/Ω
Recommended fire current for 5 dets in serie, I (A)	> 2 A	> 15 A	>25 A
ESD resistance**	Classe II	Classe I	Classe 0
Minimum ESD impulse energy «pin to pin» (mJ/Ω)	6 mJ/Ω	60 mJ/Ω	300 mJ/Ω
Minimum ESD impulse energy «pin to case» (mJ/Ω)	12 mJ/Ω	120 mJ/Ω	600 mJ/Ω
Operating and storage temperature	-10°C to +50°C		
Shelf Life	2 years		
Certificates	Compliant with European Standards EN 13763-1 to 25, and with Explosive Directive 2014/28/EU Certified by INERIS: EC Inspection Certificate of Type: 0080.EXP.97.0072 (Medium Intensity), 0080.EXP.97.0073 (High Intensity), 0080.EXP.97.0074 (Super High Intensity) Compliant with European Directive REACH 1907/2006/EC Transport Certification and Packaging: UN 0030 - Cl. 1.1B / UN 0456 - Cl. 1.4S (folded), UN 0456 - Cl. 1.4S (spoiled)		

\*\* These characteristics are expressed in accordance with the methodology adopted by the French body INERIS.

 Do you want to get in touch with one of our experts?



**Davey Bickford SAS**

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