











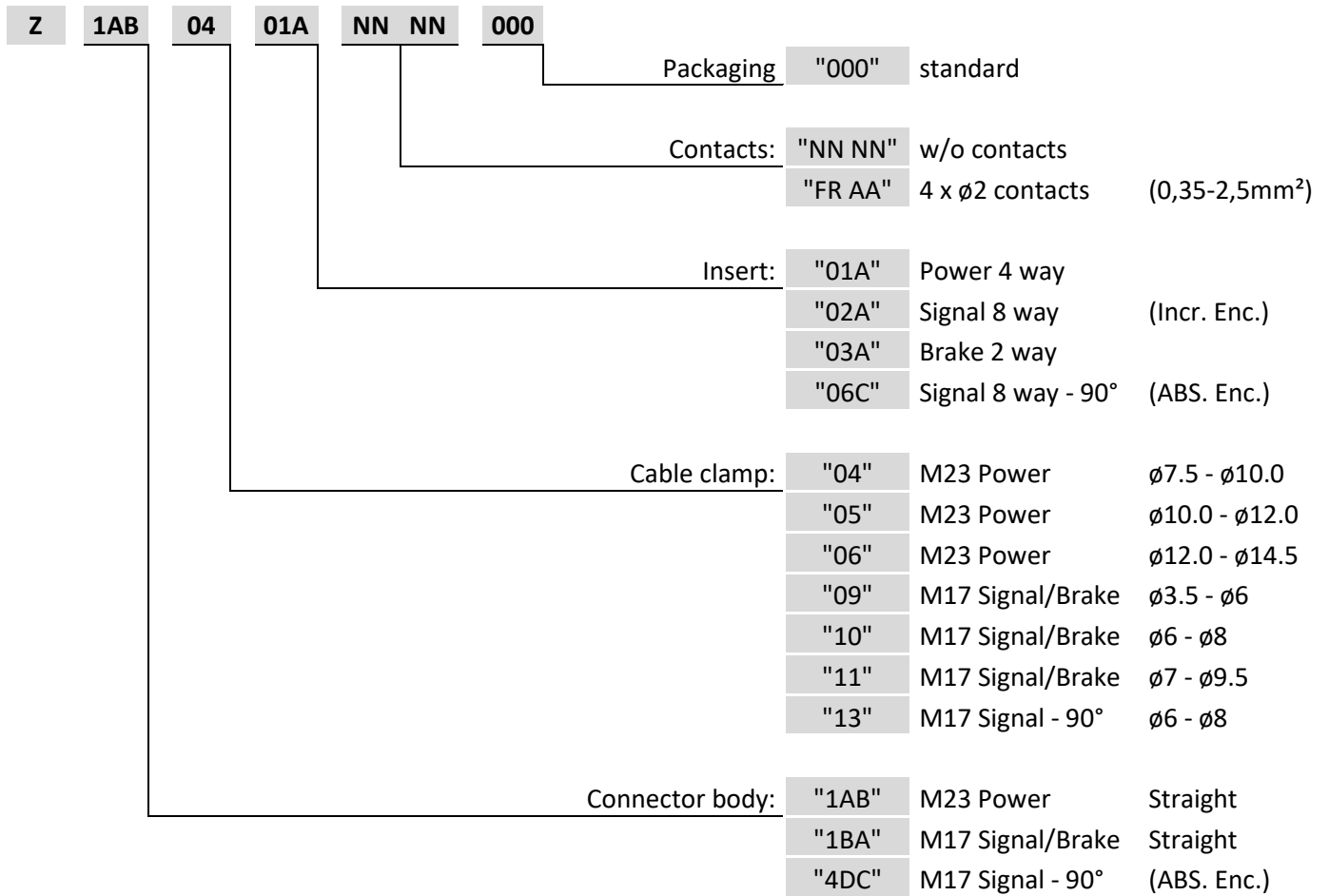
## SPECIAL V90 CONNECTORS

Suitable for the connection of SIMOTIC S-1FL6 Siemens Servomotors (High and Low Inertia)





Plug connectors	Icotronix part number	Siemens Ref.
<p>M23 Power – 4 way</p> 	<p>Connector w/o contacts: Z 1AB 05 01A NNNN 000 </p> <p>Contacts: 54-000002-01-00 (turned/loose) 04-000003-01-60 (stamped/reel)</p> <p>Connector with contacts: Z 1AB 05 01A FRAA 000</p>	<p>Connector kit: 6FX2003-0LL13</p>
<p>M17 Signal – 8 way</p> 	<p>Connector w/o contacts: Z 1BA 10 02A NNNN 000 </p> <p>Contacts: 04-000004-01-60 (stamped/reel)</p>	<p>Connector kit: 6FX2003-0SL13</p>
<p>M17 Signal (ABS) – 8 way</p> 	<p>Connector w/o contacts: Z 4DC 13 06C NNNN 000 </p> <p>Contacts: 04-000004-01-60 (stamped/reel)</p>	<p>Connector kit: 6FX2003-0DB13</p>
<p>M17 Brake – 2 way</p> 	<p>Connector w/o contacts: Z 1BA 09 03A NNNN 000 </p> <p>Contacts: 04-000004-01-60 (turned/loose)</p>	<p>Connector kit: 6FX2003-0LL53</p>

# ICOTRONIX PART NUMBER

## CONNECTORS:



## CRIMP/CONTACTS:

Contacts	Icotronix part number	Description
	54-000002-01-00	Socket ø2 mm Crimping range 0,35-2,5mm <sup>2</sup> Turned / Loose part
	04-000003-01-60	Socket ø2 mm Crimping range 0,35-2,5mm <sup>2</sup> Stamped / Reel (10.000)
	tbd	Socket ø1 mm Crimping range AWG 0,14-1,00 mm <sup>2</sup> Turned/Loose part
	04-000004-01-60	Socket ø1 mm Crimping range AWG 20-24 Stamped / Reel (10.000)

Siemens cable assemblies cross reference for cable and connectors:

	518E0128	535E0048	540TKF10013	545TKF10013	555TKF10009	6FX2003-05B14	6FX2003-0DB12	6FX2003-0SL12	6FX2003-0DB13	6FX2003-0SL13	6FX2003-0DB11	6FX2003-0LL12	6FX2003-0LL13	6FX2003-0LL52	6FX2003-0LL53
	Bulk Cables					Connectors									
6FX3002-2CT12-1xxx	X					X				O					
6FX3002-2CT20-1xxx	X					X		X							
6FX3002-2DB10-1xxx	X					X					X				
6FX3002-2DB12-1xxx	X					X			O						
6FX3002-2DB20-1xxx	X					X	X								
6FX3002-5CK01-1xxx			X									X			
6FX3002-5CK32-1xxx					X								O		
6FX3002-5CL02-1xxx				X									O		
6FX3002-5CL12-1xxx					X								O		
6FX3002-5BK02-1xxx		X												X	
6FX3002-5BL03-1xxx		X													O

 Bulk cable

 Siemens connector P/N

O: Alternative Icotronix item

TECNIKABEL BULK CABLES:

- 555TKF10009 (4G2,5) PVC
- 545TKF10013 (4G1,5) PVC
- 540TKF10013 (4G1,0) PVC
- 535E0048 (2x0,75) PVC
- 518E0128 (3x2x0,22+2x2x0,22) PVC



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