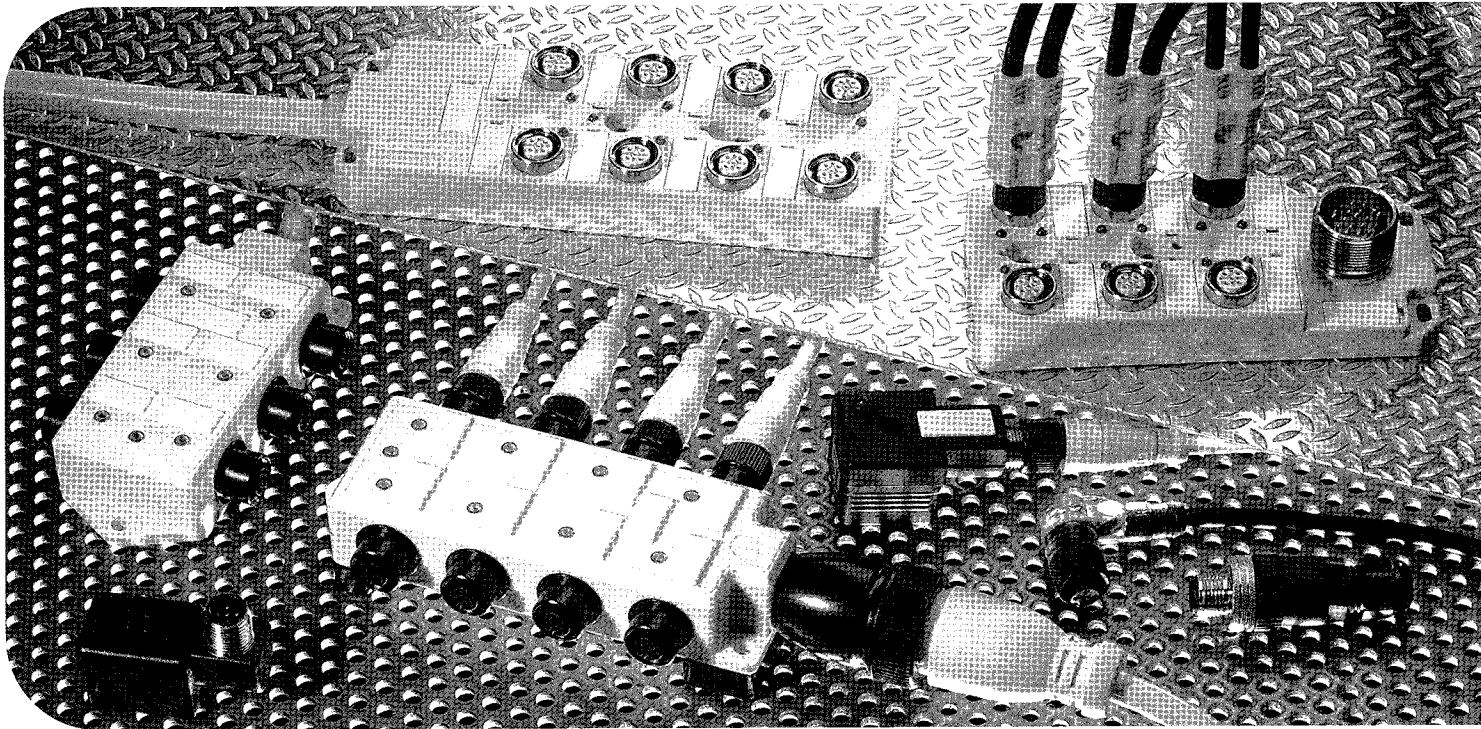
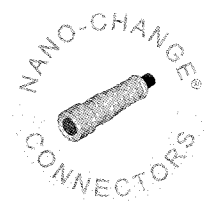


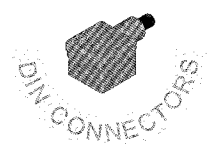
MICRO-CHANGE® MULTI-PORT SPLITTER BOX SYSTEMS



- Frees up skilled workforce for more demanding tasks, whilst reducing the risk of wiring errors and increasing factory throughput
- Quick disconnect solution enables installation or maintenance by semiskilled operators, especially when unscheduled down time occurs through device or cable failure.
- Twin I/O versions increases the density of control devices per units with LED indication of power and signals for fast fault finding
- Unique choice of either top or side mounted I/O connections for compact or low profile installations, all provided in a robust design sealed waterproof up to IP68

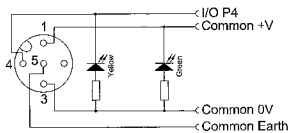
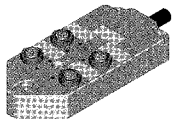


mPm®



Micro-Change® (M12) Multi-Port Splitter Boxes

5 pole 4 Wire – Single I/O Top-Mount Multi-Ports



Function	Cable Colour	M23 Connector Pin No	Mini-Change Pin No	Function	Cable Colour	M23 Connector Pin No	Mini-Change Pin No
+V	Brown	11	10	Earth	Green/Yellow	12	9
0V	Blue	9 & 10	11				
Port 1 P4	White	1	1	Port 5 P4	Pink	5	5
Port 2 P4	Green	2	2	Port 6 P4	Red	6	6
Port 3 P4	Yellow	3	3	Port 7 P4	Black	7	7
Port 4 P4	Grey	4	4	Port 8 P4	Violet	8	8

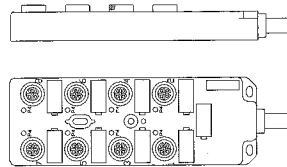
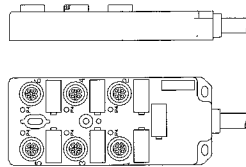
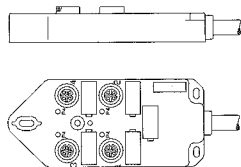
Cable Length (m)

Integral Cable Entry

4 Port

6 Port

8 Port



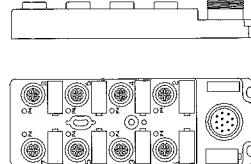
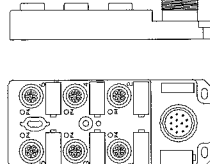
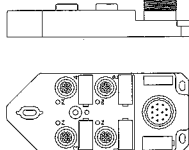
PVC	5.0	BTY400P-FBE-05	BTY600P-FBE-05	BTY800P-FBE-05
	10.0	BTY400P-FBE-10	BTY600P-FBE-10	BTY800P-FBE-10
	20.0	BTY400P-FBE-20	BTY600P-FBE-20	BTY800P-FBE-20
PUR	5.0	BTY400P-FBP-05	BTY600P-FBP-05	BTY800P-FBP-05
	10.0	BTY400P-FBP-10	BTY600P-FBP-10	BTY800P-FBP-10
	20.0	BTY400P-FBP-20	BTY600P-FBP-20	BTY800P-FBP-20

Integral M23 12 Pole Home Run Connector

4 Port

6 Port

8 Port



See top of page 19 for connectors

BTY401P-FBC

BTY601P-FBC

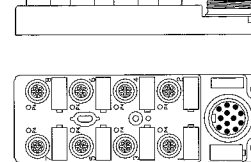
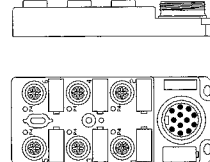
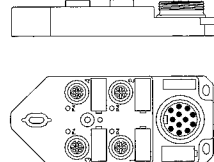
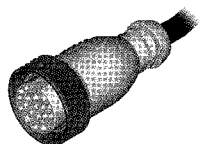
BTY801P-FBC

Integral Mini-Change® 12 Pole Home Run Connector

4 Port

6 Port

8 Port

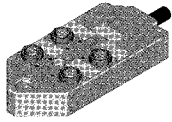


See top of page 20 for connectors

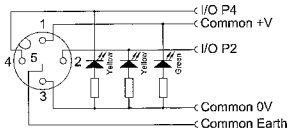
BTY401P-FBB

BTY601P-FBB

BTY801P-FBB



5 pole 5 Wire – Twin I/O Top-Mount Multi-Ports



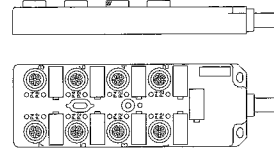
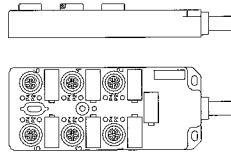
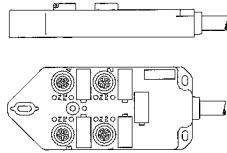
Function	Cable Colour	M23 Connector Pin No	Mini-Change Pin No	Attachable	Function	Cable Colour	M23 Connector Pin No	Mini-Change Pin No	Attachable
+V	Brown	19	7	17	Earth	Green/Yellow	12	12	19
0V	Blue	6	5	18					
Port 1 P4	White	15	15	1	Port 1 P2	Grey/Pink	7	19	9
Port 2 P4	Green	5	6	2	Port 2 P2	Red/Blue	4	4	10
Port 3 P4	Yellow	16	16	3	Port 3 P2	White/Green	8	8	11
Port 4 P4	Grey	3	3	4	Port 4 P2	Brown/Green	14	14	12
Port 5 P4	Pink	17	17	5	Port 5 P2	White/Yellow	9	9	13
Port 6 P4	Red	2	2	6	Port 6 P2	Yellow/Brown	13	13	14
Port 7 P4	Black	11	11	7	Port 7 P2	White/Grey	10	10	15
Port 8 P4	Violet	1	1	8	Port 8 P2	Grey/Brown	18	18	16

Integral Cable Entry

4 Port

6 Port

8 Port



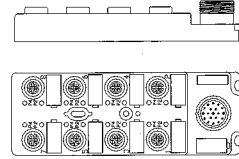
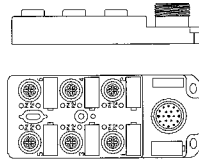
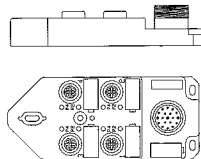
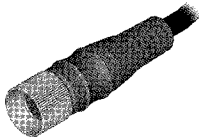
Cable	Length (m)	Integral Cable Entry		
		4 Port	6 Port	8 Port
PVC	5.0	BTY405P-FBE-05	BTY605P-FBE-05	BTY805P-FBE-05
	10.0	BTY405P-FBE-10	BTY605P-FBE-10	BTY805P-FBE-10
	20.0	BTY405P-FBE-20	BTY605P-FBE-20	BTY805P-FBE-20
PUR	5.0	BTY405P-FBP-05	BTY605P-FBP-05	BTY805P-FBP-05
	10.0	BTY405P-FBP-10	BTY605P-FBP-10	BTY805P-FBP-10
	20.0	BTY405P-FBP-20	BTY605P-FBP-20	BTY805P-FBP-20

Integral M23 19 Pole Home Run Connector

4 Port

6 Port

8 Port



See bottom of page 19 for connectors

BTY403P-FBC

BTY603P-FBC

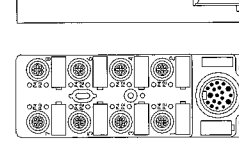
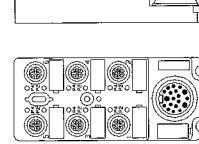
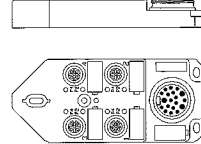
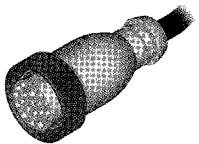
BTY803P-FBC

Integral Mini-Change® 19 Pole Home Run Connector

4 Port

6 Port

8 Port



See bottom of page 20 for connectors

BTY403P-FBB

BTY603P-FBB

BTY803P-FBB

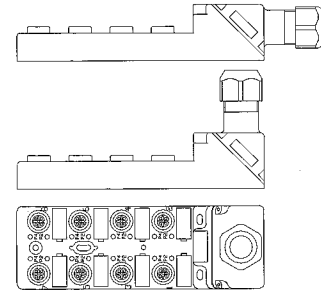
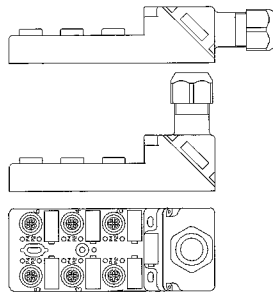
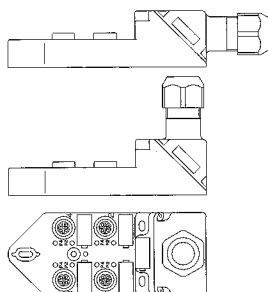
Field Attachables

4 Port

6 Port

8 Port

Includes removeable cable terminals for ease of assembly



BTY403P-FBA

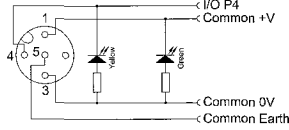
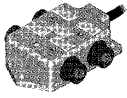
BTY603P-FBA

BTY803P-FBA

Standard: Power and two status LEDs per port, identification labels, two sealing caps
Options: NPN format LED indication, choice of cable see page 40 for more information

Micro-Change® (M12) Multi-Port Splitter Boxes

5 pole 3 Wire – Single I/O Side-Mount Multi-Ports



Function	Cable Colour	Mini-Change Colour	Function	Cable Colour	Mini-Change Pin No
+V	Brown	10	Earth*	Green/Yellow	9
0V	Blue	11			
Port 1 P4	White	1	Port 5 P4	Pink	5
Port 2 P4	Green	2	Port 6 P4	Red	6
Port 3 P4	Yellow	3	Port 7 P4	Black	7
Port 4 P4	Grey	4	Port 8 P4	Violet	8

Cable

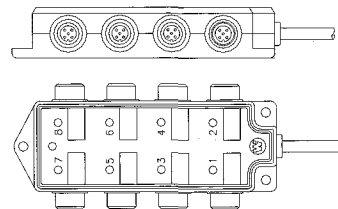
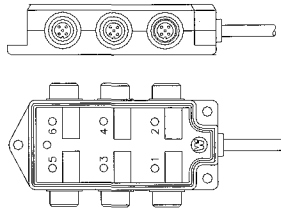
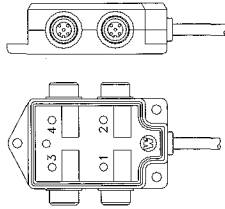
Length (m)

Integral Cable Entry

4 Port

6 Port

8 Port



PVC	5.0	BSY404P-FBE-05	BSY604P-FBE-05	BSY804P-FBE-05
	10.0	BSY404P-FBE-10	BSY604P-FBE-10	BSY804P-FBE-10
	20.0	BSY404P-FBE-20	BSY604P-FBE-20	BSY804P-FBE-20
PUR	5.0	BSY404P-FBP-05	BSY604P-FBP-05	BSY804P-FBP-05
	10.0	BSY404P-FBP-10	BSY604P-FBP-10	BSY804P-FBP-10
	20.0	BSY404P-FBP-20	BSY604P-FBP-20	BSY804P-FBP-20

* Earth (pin 5) not connected on this model

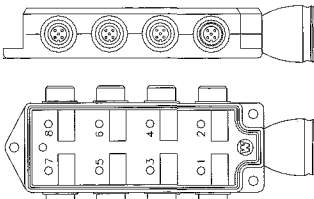
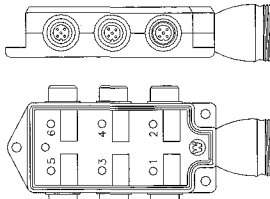
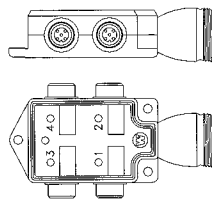
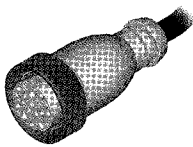
5 pole 4 Wire – Single I/O Side-Mount Multi-Ports

Integral Mini-Change® 12 Pole Home Run Connector

4 Port

6 Port

8 Port



See top of page 20 for connectors

BSY401P-FBB

BSY601P-FBB

BSY801P-FBB

* Earth (pin 5) connected on this model