
Bulletin	1492-J, -W	1492-L
Type	Screw Type Terminal Blocks	Spring-Clamp Terminal Blocks
Technology	Screw terminations are a time-proven method of wire connection. Their greatest advantage is the ability to land multiple wires to a single terminal, potentially saving panel space. Screw type blocks can often accept up to five solid or stranded wires per terminal. They also typically provide the best visual indication of the wire connection.	Compared to screw type terminations, spring clamp terminations can be a significantly faster method of connection and can often reduce wire connection time by 30...50%. Because the wire is under constant tension from the spring clamp, spring type terminations also produce very favorable results in high vibration applications.
Certifications	UR, CSA	UR, CSA
Standards Compliance	IEC, CE	IEC, CE
Product Types	• Mini blocks • Feed-through blocks • Multi-conductor blocks • Plug-in style blocks • Grounding blocks • Fuse blocks • Two level terminal blocks • Three-Level Sensor blocks • Electrical Component blocks • Isolation blocks	• Mini blocks • Fuse blocks • Feed-through blocks • Grounding blocks • Multi-circuit blocks • Plug-in style blocks • Isolation blocks • Sensor blocks • Electrical component blocks
Product Selection	Page 12-6	Page 12-47

Certifications

Allen-Bradley terminal blocks generally have been designed to meet the requirements of one or more regulatory bodies. Most products have also been tested per additional standards. The following is a listing of some of the regulatory bodies and standards which apply to Allen-Bradley terminal block products. See the particular product description for information on specific certifications and ratings.



(Underwriters Laboratories) — Devices in this catalog with one of these ratings have been tested by Underwriters Laboratories and meet the requirements of one or more of the following United States Standards:

- UL 467 — Grounding and Bonding Equipment
- UL 486E — Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors
- UL 1059 — Standard for Terminal Blocks

Reference UL files E34648, E40735, E160646



(Underwriters Laboratories) — Devices in this catalog with this rating have been tested by Underwriters Laboratories and meet the requirements of the following Canadian Standard:

- CSA 22.2 No. 158 — Terminal Blocks

Reference UL file E40735



(Canadian Standards Association) — Devices in this catalog with this rating have been tested by the Canadian Standards Association and meet the requirements of the following Canadian Standard:

- CSA 22.2 No. 158 — Terminal Blocks

Reference CSA files LR67896



Terminal blocks listed in this catalog meet the requirements of the Low Voltage Directive put forth by the European Union. Devices have been tested and comply with one or more of the following European Norms:

- EN 60947-1 — Low Voltage Switchgear and Controlgear: General Rules
- EN 60947-7-1 — Low Voltage Switchgear and Controlgear: Terminal Blocks for Copper Conductors
- EN 60947-7-2 — Low Voltage Switchgear and Controlgear: Protective Conductor Terminal Blocks for Copper Conductors
- EN 60947-7-3 — Low Voltage Switchgear and Controlgear: Safety Requirements for Fuse Terminal Blocks



ATEX — Devices listed in this catalog with “ATEX” ratings meet the following European Norms per DEMKO or KEMA, Approval Certification Bodies for the European Union:

- EN 60079-7 — Electrical Apparatus for Potentially Explosive Atmospheres — General Requirements
- EN 60079-0 — Electrical Apparatus for Potentially Explosive Atmospheres — Increased Safety “e”

Contact your local Rockwell Automation sales office or Allen-Bradley distributor for a copy of the certificate.



Screw Connection Terminal Blocks

Certifications/Introduction

Ex e II — Many 1492-J, 1492-K, 1492-L, and 1492-W terminal blocks in this catalog meet the following Canadian Standards per Underwriters Laboratories:

CAN/CSA E 60079-7 — Electrical Apparatus for Explosive Atmospheres — Part 0 — General Requirements

CAN/CSA E 60079-0 — Electrical Apparatus for Explosive Atmospheres — Part 7 — Increased Safety “e”

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

AEx e II — Devices listed in this catalog with an “AEx e II” rating meet the following United States Standard per Underwriters Laboratories:

- ANSI/UL 60079-0 and 60079-7 — Standard for Electrical Equipment for Use in Class I, Zone 0, 1, and 2 Hazardous (Classified) Locations

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Rockwell Automation sales office or Allen-Bradley distributor for more information.

Lloyd's Register — Many 1492-H, 1492-J, 1492-L, and 1492-W terminal blocks in this catalog have been certified for use in marine, off-shore, and industrial installations per the following standard:

- Lloyd's Register Test Specification No. 1:1996

Contact your local Rockwell Automation sales office or Allen-Bradley distributor for a copy of the certificate.

The Allen-Bradley Line of IEC Terminal Blocks... International Products for a Worldwide Marketplace

The Allen-Bradley Bulletin 1492-J line of internationally approved IEC style terminal blocks offers a wide range of features and benefits ideally suited for many industrial applications. The 1492-J line has been designed to meet the tough requirements of almost every industrial application. Functional, internationally approved, finger-safe, and cost-effective — the Allen-Bradley Bulletin 1492-J line.

Products Available in the Bulletin 1492 Screw Terminal Block Line

Our family of IEC terminal blocks consists of many different types of blocks, from general feed-through terminal blocks for control wiring to specialty blocks for grounding and isolating. We even offer thermocouple terminal blocks, specifically designed for temperature-dependent process control applications.

Products offered within the Bulletin 1492 Screw Terminal Block line include:

- **Feed-Through Blocks**, capable of accommodating #30...2/0 AWG (0.2...70 mm²) wire
- **Grounding Blocks** for grounding a given circuit to the DIN Rail
- **Mini Blocks** for applications where panel space is at a premium
- **Two-Level Blocks** that double circuit wiring density
- **Multi-Conductor Blocks** that allow splitting or joining of control circuits
- **Three-Level Sensor Blocks** for coordination of three-wire sensor groups
- **Isolation Blocks** for circuit isolation during testing and troubleshooting
- **Fuse Blocks**, with and without blown fuse indication, for easily integrated overcurrent protection
- **Electrical Component Blocks** that allow the insertion of fixed components into control circuits. Available components include resistors, diodes, surge suppression circuits, and shunt bars.

Allen-Bradley spring-clamp terminal blocks generally have been designed to meet the requirements of one or more regulatory bodies. Most products have also been tested per additional standards. The following is a listing of some of the regulatory bodies and standards which apply to Allen-Bradley spring-clamp terminal block products. See the particular product description for information on specific certifications and ratings.



(Underwriters Laboratories) — Allen-Bradley spring-clamp terminal blocks with one of these ratings have been tested by Underwriters Laboratories and meet the requirements of one or more of the following United States Standards:

- UL 486E — Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors
- UL 1059 — Standard for Terminal Blocks

Reference UL file E40735



(Underwriters Laboratories) — Allen-Bradley spring-clamp terminal blocks with this rating have been tested by Underwriters Laboratories and meet the requirements of one or more of the following Canadian Standards:

- CSA 22.2 No. 158 — Terminal Blocks

Reference UL file E40735



(Canadian Standards Association) — Allen-Bradley spring-clamp terminal blocks with this rating have been tested by the Canadian Standards Association and meet the requirements of the following Canadian Standard:

- CSA 22.2 No. 158 — Terminal Blocks

Reference CSA files 677896



Allen-Bradley spring-clamp terminal blocks listed in this catalog meet the requirements of the Low Voltage Directive put forth by the European Union. Devices have been tested and comply with one or more of the following European Norms:

- EN 60947-1 — Low Voltage Switchgear and Controlgear: General Rules
- EN 60947-7-1 — Low Voltage Switchgear and Controlgear: Terminal Blocks for Copper Conductors
- EN 60947-7-2 — Low Voltage Switchgear and Controlgear: Protective Conductor Terminal Blocks for Copper Conductors
- EN 60947-7-3 — Low Voltage Switchgear and Controlgear: Safety Requirements for Fuse Terminal Blocks



ATEX — Devices listed in this catalog with “ATEX” ratings meet the following European Norms per DEMKO or KEMA, Approval Certification Bodies for the European Union:

- EN 60079-0 — Electrical Apparatus for Potentially Explosive Atmospheres — General Requirements
- EN 60079-7 — Electrical Apparatus for Potentially Explosive Atmospheres — Increased Safety “e”

Contact your local Allen-Bradley distributor for a copy of the certificate.

Ex e II — Bulletin 1492-L terminal blocks in this catalog meet the following Canadian Standards per Underwriters Laboratories:

- CAN/CSA E60079-7 — Electrical Apparatus for Explosive Atmospheres — Part 0 — General Requirements
- CAN/CSA E60079-0 — Electrical Apparatus for Explosive Atmospheres — Part 7 — Increased Safety “e”

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

AEx e II — Allen-Bradley spring-clamp terminal blocks with an “AEx e II” rating meet the following United States Standard per Underwriters Laboratories:

- UL 2279 — Standard for Electrical Equipment for Use in Class I, Zone 0, 1, and 2 Hazardous (Classified) Locations

These products are suitable for Class I, Zone 1 Hazardous Locations. Reference UL file E187022. Contact your local Allen-Bradley distributor for more information.

Lloyd's Register — Bulletin 1492-L terminal blocks in this catalog have been certified for use in marine, off-shore, and industrial installations per the following standard:

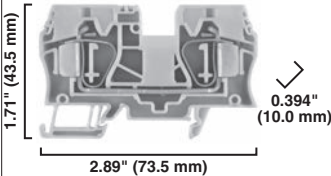
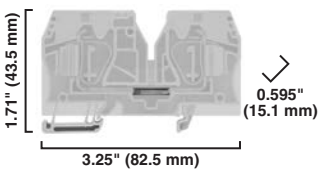
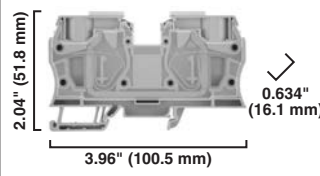
- Lloyd's Register Test Specification No. 1:1996

Contact your local Allen-Bradley distributor for a copy of the certificate.



Spring-Clamp Connection Terminal Blocks

Standard Feed-Through Blocks

1492-L16					1492-L16D*					1492-L35				
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.														
	Feed-through terminal block				Power distribution block with center jumper connection/feed				Feed-through terminal block					
Certifications		CSA	IEC	ATEX		CSA	IEC			CSA	IEC	ATEX		
Voltage Rating	600V AC/DC		800V AC/DC	550V AC/DC	600V AC/DC		500V AC/DC		600V AC/DC		800V AC/DC	690V AC/DC		
Maximum Current	65 A		76 A	66 A	65 A		76 A		120 A		125 A	109 A		
Wire Range (Rated Cross Section)	#14...4 AWG		16 mm ²	16 mm ² (16... 6 AWG)	#14...4 AWG		16 mm ²		#12...2 AWG		35 mm ²	35 mm ² 14...2 AWG		
Wire Strip Length	0.70 in. (18 mm)				0.70 in. (18 mm)				0.98 in. (25 mm)					
Density	25 pcs/ft (82 pcs/m)				20 pcs/ft (66 pcs/m)				18 pcs/ft (62 pcs/m)					
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)					
Short-Circuit Current Rating	See page 12-78													
Terminal Blocks		Cat. No.	Pkg Qty.			Cat. No.	Pkg Qty.			Cat. No.	Pkg Qty.			
Color	Grey	1492-L16	25			1492-L16D*	20			1492-L35	10			
	Red	1492-L16-RE	25			—	—			1492-L35-RE	10			
	Blue	1492-L16-B	25			—	—			1492-L35-B	10			
	Black	1492-L16-BL	25			—	—			1492-L35-BL	10			
	Green	1492-L16-G	25			—	—			1492-L35-G	10			
	Yellow	1492-L16-Y	25			—	—			1492-L35-Y	10			
	Orange	1492-L16-OR	25			—	—			1492-L35-OR	10			
	Brown	1492-L16-BR	25			—	—			1492-L35-BR	10			
	White	1492-L16-W	25			—	—			1492-L35-W	10			
Accessories		Cat. No.	Pkg Qty.			Cat. No.	Pkg Qty.			Cat. No.	Pkg Qty.			
Mounting Rails														
1 m Symmetrical DIN (Steel)		199-DR1	10			199-DR1	10			199-DR1	10			
1 m Symmetrical Heavy Duty DIN (Steel, Unslotted)		199-DR4	5			199-DR4	5			199-DR4	5			
1 m Symmetrical DIN (Aluminum)		1492-DR5	10			1492-DR5	10			1492-DR5	10			
1 m Hi-Rise Symmetrical DIN (Aluminum)		1492-DR6	2			1492-DR6	2			1492-DR6	2			
1 m Angled Hi-Rise Sym. DIN (Steel)		1492-DR7	2			1492-DR7	2			1492-DR7	2			
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)		1492-DR8	5			1492-DR8	5			1492-DR8	5			
1 m Symmetrical Heavy Duty DIN (Steel Slotted)		1492-DR9	5			1492-DR9	5			1492-DR9	5			
End Barriers	Grey	1492-EBL16	20		Integrated to Block		—		Integrated to Block		—			
	Blue	1492-EBL16-B	20			—	—			—	—			
	Yellow	1492-EBL16-Y	20			—	—			—	—			
End Anchors and Retainers														
Screwless End Retainer		1492-ERL35	20			1492-ERL35	20			1492-ERL35	20			
DIN Rail — Normal Duty		1492-EAJ35	100			1492-EAJ35	100			1492-EAJ35	100			
DIN Rail — Heavy Duty		1492-EAHJ35	50			1492-EAHJ35	50			1492-EAHJ35	50			
Jumpers														
Plug-in Center Jumper — 2-Pole		1492-CJL12-2	25			⚡	—			1492-CJL16-2	10			
Other Accessories														
Test Plug		1492-TP23	20			1492-TP23	20			1492-TP23	20			
Test Adapter		—	—			—	—			—	—			
Electrical Warning Plate		1492-EWPL12	20			1492-EWPL12	20			1492-EWPL16	20			
Marking Systems														
Snap-In Marker Cards†		1492-M7X12 (108/card)	5			1492-M7X12 (108/card)	5			1492-M7X12 (108/card)	5			
Snap-In Marker Cards		1492-M8X5 (160/card)	5			1492-M8X5 (160/card)	5			1492-M8X5 (160/card)	5			
Hinged Marker Cards		1492-MH5X15 (96/card)	5			1492-MH5X15 (96/card)	5			1492-MH5X15 (96/card)	5			

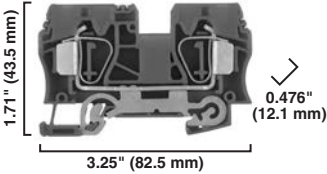
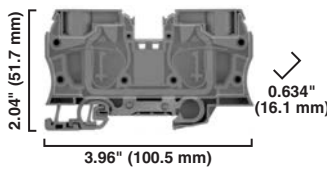
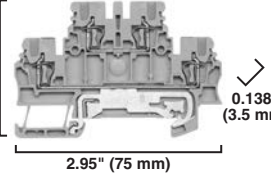
* Can be electrically connected through center jumper for power distribution to 1492 - L3, L3Q, L4, L4T, L4Q, L6, and L6T terminal blocks. See page 12-55 for distribution guidelines.

⚡ Use defined center jumper for standard terminal blocks when connecting for power distribution.

† May only be mounted in terminal block corner marking positions.

Spring-Clamp Connection Terminal Blocks

Grounding Blocks

	1492-LG16				1492-LG35				1492-LDG2		
Dimensions are not intended to be used for manufacturing purposes. Note: Height dimension is measured from top of rail to top of terminal block.											
Specifications	Feed-through grounding terminal block				Feed-through grounding terminal block				Two-circuit terminal block with 1 feed-through and 1 ground circuit		
Certifications		CSA	IEC	ATEX		CSA	IEC	ATEX		CSA	IEC
Voltage Rating	—	—	—	—	—	—	—	—	300V AC/DC	500V AC/DC	—
Maximum Current	Grounding				Grounding				10 A	17.5 A	—
Wire Range (Rated Cross Section)	#14...6 AWG	#14...4 AWG	16 mm ²	16 mm ² (16...6 AWG)	#12...2 AWG	35 mm ²	35 mm ² (#14...2 AWG)	—	#28...16 AWG	1.5 mm ²	—
Wire Strip Length	0.70 in. (18 mm)				0.98 in. (25 mm)				0.31 in. (8 mm)		
Density	25 pcs/ft (82 pcs/m)				18 pcs/ft (62 pcs/m)				87 pcs/ft (285 pcs/m)		
Housing Temperature Range	-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)				-58...+248 °F (-50...+120 °C)		
Terminal Blocks	Cat. No.			Pkg Qty.	Cat. No.			Pkg Qty.	Cat. No.		
Color: Green/Yellow	1492-LG16			25	1492-LG35			10	—		
Grey	—			—	—			—	1492-LDG2		
50	—			—	—			—	—		
Accessories	Cat. No.			Pkg Qty.	Cat. No.			Pkg Qty.	Cat. No.		
Mounting Rails:											
1 m Symmetrical DIN (Steel)	199-DR1			10	199-DR1			10	199-DR1		
1 m Symmetrical Heavy Duty DIN (Steel, Unslotted)	199-DR4			5	199-DR4			5	199-DR4		
1 m Symmetrical DIN (Aluminum)	1492-DR5			10	1492-DR5			10	1492-DR5		
1 m Hi-Rise Symmetrical DIN (Aluminum)	1492-DR6			2	1492-DR6			2	1492-DR6		
1 m Angled Hi-Rise Sym. DIN (Steel)	1492-DR7			2	1492-DR7			2	1492-DR7		
1 m Symmetrical Heavy Duty DIN (Copper, Unslotted)	1492-DR8			5	1492-DR8			5	1492-DR8		
1 m Symmetrical Heavy Duty DIN (Steel)	1492-DR9			5	1492-DR9			5	1492-DR9		
End Barrier Yellow	1492-EBL16-Y			20	Integrated			—	—		
Grey	—			—	—			—	1492-EBLD2		
50	—			—	—			—	—		
End Anchors and Retainers	1492-ERL35			20	1492-ERL35			20	1492-ERL35		
Screwless End Retainer	1492-EAJ35			100	1492-EAJ35			100	1492-EAJ35		
DIN Rail — Normal Duty	1492-EAHJ35			50	1492-EAHJ35			50	1492-EAHJ35		
DIN Rail — Heavy Duty	—			—	—			—	1492-PSL2-2		
Other Accessories:											
Reducing Sleeves 26...24 AWG (0.13...0.2 mm ²) White	—			—	—			—	1492-PSL2-5		
Reducing Sleeves 22...20 AWG (0.25...0.5 mm ²) Grey	—			—	—			—	—		
Test Plug	1492-TP23			20	1492-TP23			20	1492-TPL4		
Electrical Warning Plate	—			—	—			—	1492-EWPL4		
20	—			—	—			—	—		
Marking Systems:	1492-M7X12 (108/card)			5	1492-M7X12 (108/card)			5	1492-M3X12 (120/card)		
Snap-In Marker Cards*	1492-M8X5 (160/card)			5	1492-M8X5 (160/card)			5	1492-M3X5 (100/card)		
Hinged Marker Cards	1492-MH5X15 (96/card)			5	1492-MH5X10 (96/card)			—	—		

* May only be mounted in terminal block corner marking positions.

End Barriers

End barriers are required to provide the necessary insulation for the last terminal block in a group.



Dimensions Width x Length x Height	For Use With	Color	Pkg Qty.	Cat. No.
0.08 x 1.14 x 2.03 in. (2 x 28.9 x 51.5 mm)	1492-L2, LG2	Grey	50	1492-EBL2
		Blue	50	1492-EBL2-B
		Yellow	50	1492-EBL2-Y
0.08 x 1.14 x 2.48 in. (2 x 28.9 x 63 mm)	1492-L2T, LG2T	Grey	50	1492-EBL2T
		Blue	50	1492-EBL2T-B
		Yellow	50	1492-EBL2T-Y
0.08 x 1.14 x 2.95 in. (2 x 28.9 x 75 mm)	1492-L2Q, LG2Q	Grey	50	1492-EBL2Q
		Blue	50	1492-EBL2Q-B
		Yellow	50	1492-EBL2Q-Y
0.08 x 1.15 x 2.34 in. (2 x 29.1 x 59.5 mm)	1492-L3, LG3, LK3, L3P	Grey	50	1492-EBL3
		Blue	50	1492-EBL3-B
		Yellow	50	1492-EBL3-Y
0.08 x 1.20 x 2.54 in. (2 x 30.6 x 64.5 mm)	1492-L3T, LG3T	Grey	50	1492-EBL3T
		Blue	50	1492-EBL3T-B
		Yellow	50	1492-EBL3T-Y
0.08 x 1.20 x 3.11 in. (2 x 30.6 x 79 mm)	1492-L3Q, L3QS, LG3Q	Grey	50	1492-EBL3Q
		Blue	50	1492-EBL3Q-B
		Yellow	50	1492-EBL3Q-Y
0.10 x 1.06 x 2.8 in. (2.5 x 27 x 71 mm)	1492-L31P, 1492-LG31P	Grey	50	1492-EBL31P
		Yellow	50	1492-EBL31P-Y
	1492-L3T1P, 1492-LG3T1P	Grey	50	1492-EBL3T1P
		Yellow	50	1492-EBL3T1P-Y
0.08 x 1.20 x 3.11 in. (2 x 30.6 x 79 mm)	1492-L3Q2P	Grey	50	1492-EBL3Q2P
0.10 x 1.76 x 3.17 in. (2.5 x 44.7 x 80.5)	1492-LD32P	Grey	50	1492-EBLD32P
0.08 x 1.37 x 2.44 in. (2 x 34.85 x 62 mm)	1492-L4, LG4	Grey	50	1492-EBL4
		Blue	50	1492-EBL4-B
		Yellow	50	1492-EBL4-Y
0.08 x 1.37 x 3.31 in. (2 x 34.85 x 84 mm)	1492-L4T, LG4T	Grey	50	1492-EBL4T
		Blue	50	1492-EBL4T-B
		Yellow	50	1492-EBL4T-Y
0.08 x 1.37 x 4.13 in. (2 x 34.85 x 105 mm)	1492-L4Q, LG4Q	Grey	50	1492-EBL4Q
		Blue	50	1492-EBL4Q-B
		Yellow	50	1492-EBL4Q-Y
0.08 x 1.45 x 2.56 in. (2 x 36.95 x 65 mm)	1492-L6, LG6	Grey	50	1492-EBL6
		Blue	50	1492-EBL6-B
		Yellow	50	1492-EBL6-Y
0.08 x 1.45 x 3.54 in. (2 x 36.95 x 90 mm)	1492-L6T, LG6T	Grey	50	1492-EBL6T
		Blue	50	1492-EBL6T-B
		Yellow	50	1492-EBL6T-Y
0.12 x 1.67 x 2.89 in. (3 x 42.5 x 73.5 mm)	1492-L10, LG10	Grey	20	1492-EBL10
		Blue	20	1492-EBL10-B
		Yellow	20	1492-EBL10-Y
0.12 x 1.71 x 3.25 in. (3 x 43.5 x 82.5 mm)	1492-L16, LG16	Grey	20	1492-EBL16
		Blue	20	1492-EBL16-B
		Yellow	20	1492-EBL16-Y
—	1492-LAFB6	Black	50	1492-EBLAFB6
0.08 x 1.65 x 2.95 in. (2 x 41.9 x 75 mm)	1492-LD2, LDG2, LD2C, LDG2C	Grey	50	1492-EBLD2
		Blue	20	1492-EBLD2-B
		Yellow	20	1492-EBLD2-Y
0.08 x 1.87 x 2.85 in. (2 x 47.5 x 72.5 mm)	1492-LD3, LD3C, LDG3, LDG3C	Grey	20	1492-EBLD3
		Blue	20	1492-EBLD3-B
		Yellow	20	1492-EBLD3-Y
0.08 x 2.05 x 2.99 in. (2 x 52 x 76 mm)	1492-LD4, LD4C, LDG4, LDG4C, LD4DF, LD4DR, LD4RB..., LD4SS	Grey	20	1492-EBLD4
		Blue	20	1492-EBLD4-B
		Yellow	20	1492-EBLD4-Y