

## Product range

Allen-Bradley products with CEDES technology



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Safety  
Light Curtain

**GuardShield Safe4**

Protective field length	GS Safe4 Res. 14 mm, Operating Distance 9 m	GS Safe4 Res. 30 mm, Operating Distance 18 m	GS Safe4 Res. 30 mm, Operating Distance 5 – 30 m	Safe4 wout ILAS 14 mm – 9 m Pair	Safe4 wout ILAS 30 mm – 18 m
120	445L-P4L0120YD	445L-P4S0120YD	445L-P4X0120YD	445L-103000-0189	
240	445L-P4L0240YD	445L-P4S0240YD	445L-P4X0240YD	445L-103000-0044	
360	445L-P4L0360YD	445L-P4S0360YD	445L-P4X0360YD	445L-103000-0076	445L-103000-0034
480	445L-P4L0480YD	445L-P4S0480YD	445L-P4X0480YD	445L-103000-0130	445L-103000-0139
600	445L-P4L0600YD	445L-P4S0600YD	445L-P4X0600YD	445L-103000-0036	
720	445L-P4L0720YD	445L-P4S0720YD	445L-P4X0720YD	445L-103000-0157	
840	445L-P4L0840YD	445L-P4S0840YD	445L-P4X0840YD	445L-103000-0153	445L-103000-0193
960	445L-P4L0960YD	445L-P4S0960YD	445L-P4X0960YD	445L-103000-0140	
1080	445L-P4L1080YD	445L-P4S1080YD	445L-P4X1080YD	445L-103000-0136	
1200	445L-P4L1200YD	445L-P4S1200YD	445L-P4X1200YD	445L-103000-0195	
1320	445L-P4L1320YD	445L-P4S1320YD	445L-P4X1320YD	445L-103000-0099	
1440	445L-P4L1440YD	445L-P4S1440YD	445L-P4X1440YD	445L-103000-0196	
1560	445L-P4L1560YD	445L-P4S1560YD	445L-P4X1560YD	445L-103000-0164	
1680	445L-P4L1680YD	445L-P4S1680YD	445L-P4X1680YD		
1800	445L-P4L1800YD	445L-P4S1800YD	445L-P4X1800YD		445L-103000-0118
1920	445L-P4L1920YD	445L-P4S1920YD			
PAC 2 Beam		445L-103002-0048	445L-P4S2500YD		
PAC 3 Beam		445L-103002-0003	445L-P4S3400YD		
PAC 4 Beam		445L-103002-0007	445L-P4S4120YD		

Safety  
Controller

Sensing

**Not for new applications**

Safe4 separate controller 14 mm – 9 m Pair with ILAS	Safe4 separate controller 14 mm – 9 m Pair wout ILAS	Safe4 separate controller 30 mm – 18 m with ILAS	Safe4 separate controller 30 mm – 18 m wout ILAS
445L-103001-1024	445L-103001-0118		445L-103001-1022
445L-103001-0038	445L-103001-0105	445L-103001-1025	
445L-103001-0033	445L-103001-0122		
445L-103001-0009	445L-103001-0117	445L-103001-1026	
	445L-103001-0014		
	445L-103001-0035		
445L-103001-0002	445L-103001-1020		
	445L-103001-0112		
445L-103001-0012		445L-103001-0017	
	445L-103001-1021	445L-103001-0094	
445L-103001-0228			
445L-103001-0229			

**GuardShield Safe4 Specials** Not for new applications

Catalog number	Description	Catalog number	Description
445L-103005-0053	PAC 600-2 Beam-18m	445L-103001-0023	Cascade 720-240-14-9m:A011 (*OEM)
445L-103002-0013	PAC 840-3 Beam-18m:A079	445L-103001-0218	Cascade 720-240-30-18m
445L-103005-1002	PAC 1340-6 Beam-18m:A026 (*OEM)	445L-103001-0219	Cascade 720-360-30-5-30m
445L-103005-0036	PAC 1380-6 Beam-18m:A187 (*OEM)	445L-103001-0057	Cascade 840-240-14-6m:A066 (*OEM)
445L-103002-0025	PAC 1680-6 Beam-18m:A121 (*OEM)	445L-103001-0114	Cascade 840-240-14-9m
445L-103001-0163	Cascade 120-120-240-14/30-6m:A183 (*OEM)	445L-103001-0125	Cascade 960-240-14/30-9m
445L-103001-0077	Cascade 240-240-14-9m	445L-103001-0225	Cascade 1080-120-30-18m
445L-103001-0200	Cascade 240-240-14-9m:A196	445L-103001-0068	Cascade 1200-960-14/30-9m
445L-103001-0046	Cascade 240-720-14-5m:A049	445L-103001-0199	Cascade 1560-1320-30-18m
445L-103001-0222	Cascade 240-840-30-5-30m	445L-103000-0144	POC 960-30-30m:A179
445L-103001-0121	Cascade 600-120-14-6m:A163 (*OEM)	445L-103000-0068	POC 1560-14-9m:A080
445L-103001-0191	Cascade 720-120-14-9m:A191 (*OEM)		

Accessory

Miscellaneous

Note: Cordset → see Accessory  
\*OEM = Special product designed and developed for specific OEM customers

Safety  
Light Curtain

**GuardShield Safe2**



Protective field length	GS Safe2 Resolution 14 mm, Operating Distance 9 m	GS Safe2 Resolution 30 mm, Operating Distance 18 m	GS Safe2 Resolution 30 mm, Operating Distance 5 – 30 m
0120		445L-P2S0120YD	
0240		445L-P2S0240YD	
0360		445L-P2S0360YD	
0480		445L-P2S0480YD	
0600		445L-P2S0600YD	
0720		445L-P2S0720YD	
0840		445L-P2S0840YD	
0960		445L-P2S0960YD	
1080		445L-P2S1080YD	
1200		445L-P2S1200YD	
1320		445L-P2S1320YD	
1440		445L-P2S1440YD	
1560		445L-P2S1560YD	
1680		445L-P2S1680YD	
1800		445L-P2S1800YD	
1920		445L-P2S1920YD	
PAC 2 Beam		445L-103005-0034	445L-P2S2500YD
PAC 3 Beam		445L-103005-0019	445L-P2S3400YD
PAC 4 Beam		445L-103005-0025	445L-P2S4120YD

Safety  
Controller

Sensing

Accessory

Miscellaneous

Note: Cordset → see Accessory

	GuardShield Micro 400					
	Protective field length	Profile Slim Resolution 14 mm	Profile Slim Resolution 30 mm	Profile Slim, Cascaded Resolution 14 mm	Profile Slim, Cascaded Resolution 30 mm	
Safety Light Curtain						
						
Safety Controller	50	445L-P4C0050FP	445L-P4E0050FP	445L-C4C0050FP	445L-C4E0050FP	
	100	445L-P4C0100FP	445L-P4E0100FP	445L-C4C0100FP		
	150	445L-P4C0150FP	445L-P4E0150FP	445L-C4C0150FP	445L-C4E0150FP	
	200	445L-P4C0200FP	445L-P4E0200FP	445L-C4C0200FP		
	250	445L-P4C0250FP	445L-P4E0250FP	445L-C4C0250FP		
	300	445L-P4C0300FP	445L-P4E0300FP	445L-C4C0300FP	445L-C4E0300FP	
	350	445L-P4C0350FP	445L-P4E0350FP	445L-C4C0350FP	445L-C4E0350FP	
	400	445L-P4C0400FP	445L-P4E0400FP	445L-C4C0400FP	445L-C4E0400FP	
	450	445L-P4C0450FP	445L-P4E0450FP	445L-C4C0450FP	445L-C4E0450FP	
	500	445L-P4C0500FP	445L-P4E0500FP	445L-C4C0500FP		
	550	445L-P4C0550FP	445L-P4E0550FP	445L-C4C0550FP		
	600	445L-P4C0600FP	445L-P4E0600FP	445L-C4C0600FP	445L-C4E0600FP	
	650	445L-P4C0650FP	445L-P4E0650FP	445L-C4C0650FP		
	700	445L-P4C0700FP	445L-P4E0700FP	445L-C4C0700FP		
	750	445L-P4C0750FP	445L-P4E0750FP	445L-C4C0750FP	445L-C4E0750FP	
	800	445L-P4C0800FP	445L-P4E0800FP	445L-C4C0800FP		
	Sensing	850	445L-P4C0850FP	445L-P4E0850FP	445L-C4C0850FP	
900		445L-P4C0900FP	445L-P4E0900FP	445L-C4C0900FP	445L-C4E0900FP	
950		445L-P4C0950FP	445L-P4E0950FP	445L-C4C0950FP		
1000		445L-P4C1000FP	445L-P4E1000FP	445L-C4C1000FP		
1050		445L-P4C1050FP	445L-P4E1050FP	445L-C4C1050FP		
1100		445L-P4C1100FP	445L-P4E1100FP	445L-C4C1100FP		
1200		445L-P4C1200FP	445L-P4E1200FP	445L-C4C1200FP	445L-C4E1200FP	
Accessory						
Miscellaneous						

Note: Patchcord → see Accessory

Safety  
Light Curtain

**GuardShield Micro 400**



Protective field length	Profile Reinforced Resolution 14 mm	Profile Reinforced Resolution 30 mm	Profile Reinf., Cascaded Resolution 14 mm	Profile Reinf., Cascaded Resolution 30 mm
150	445L-110490-0001			
300	445L-110490-0002			
400	445L-110490-0003			
450	445L-110490-0004			
500	445L-110490-0024	445L-110490-0005		
600	445L-110490-0006		445L-110491-0001	
750	445L-110490-0008		445L-110491-0002	
800	445L-110490-0028			
900	445L-110490-0009		445L-110491-0003	
1000	445L-110490-0010		445L-110491-0004	
1050	445L-110490-0029		445L-110491-0015	
1100	445L-110490-0025		445L-110491-0005	
1200	445L-110490-0011		445L-110491-0006	
1300		445L-110490-0012		
1350	445L-110490-0013		445L-110491-0007	
1500	445L-110490-0014		445L-110491-0008	
1600	445L-110490-0015	445L-110490-0016		
1650	445L-110490-0017		445L-110491-0009	
1700	445L-110490-0030			
1800	445L-110490-0018		445L-110491-0010	
2000	445L-110490-0019			
2100	445L-110490-0027			
2200	445L-110490-0020			

Safety  
Controller

Sensing

Accessory

Miscellaneous

Note: Patchcord → see Accessory

Safety  
Light Curtain

**GuardShield Micro 400 Specials**



Catalog number	Description
445L-103567-0018	Cascade 50-450-14-5m (*OEM)
445L-103567-0065	Cascade 50-400-14-5m (*OEM)
445L-103567-0055	Cascade 150-150-14-5m (*OEM)
445L-109316	Cascade 150-14-5m (*OEM)
445L-109317	150-14-5m (*OEM)
445L-108582-0003	600-30-5m (*OEM)
445L-108582-0001	650-30-5m (*OEM)
445L-108582-0004	800-30-5m (*OEM)
445L-108582-0002	900-30-5m (*OEM)
445L-103663-0013	1300-30-5m (*OEM)
445L-103663-0007	1550-30-5m (*OEM)
445L-103663-0020	1800-30-5m (*OEM)

Safety  
Controller

**GuardShield Micro 400 PAC**



Perimeter Access System	Profile Slim	Profile Reinforced
PAC 2 Beam	445L-110492-0002	445L-110492-0001
PAC 3 Beam	445L-110492-0004	445L-110492-0003
PAC 4 Beam	445L-110492-0006	445L-110492-0005

Sensing

**GuardShield Micro 400 Washdown (IP69K)**



Protective field length	Resolution 14 mm
0150	445L-P4C0150KD
0300	445L-P4C0300KD
0600	445L-P4C0600KD
0900	445L-P4C0900KD
1200	445L-P4C1200KD

Accessory

Miscellaneous

Note: Patchcord → see Accessory  
 \*OEM = Special product designed and developed for specific OEM customers

Safety  
Light Curtain

**MSR41 / MSR42**



Catalog number	Description
440R-P221AGS	MSR41
440R-P226AGS-NNR	MSR42
445L-104794-B013	MSR42 B013
445L-104794-B016	MSR42 B016
445L-104794-B034	MSR42 B034
445L-104794-B040	MSR42 B040
445L-104794-B047	MSR42 B047
445L-104794-B050	MSR42 B050
445L-104794-B054	MSR42 B054
445L-104794-B057	MSR42 B057
445L-104794-B068	MSR42 B068
445L-104794-B069	MSR42 B069
440R-ATERM1P	Terminal block Kit, MSR41
440R-ATERM2P	Terminal block Kit, MSR42

Safety  
Controller

**MSR45E**



Catalog number	Description
440R-P4NANS	MSR45E,Relay Extension
445L-104860	MSR45E 3C 3NO,Relay Extension
445L-105938	MSR45E 3C 2NO1NC,Relay Extension
440R-ACABL1	Ribbon cable 10 pin for 1 extension
440R-ACABL2	Ribbon cable 10 pin for 2 extension
440R-ACABL3	Ribbon cable 10 pin for 3 extension
440R-ATERM2C	Terminal block Kit, MSR45E

Sensing

Accessory

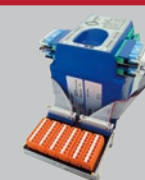
Miscellaneous

**SafeC x00**



Catalog number	Description
445L-103558	SafeC 200-3C
445L-103558-A054	SafeC 200-3C A054
445L-103560	SafeC 200-8C
445L-103561	SafeC 400 4P
445L-103562	SafeC 400-3C
445L-103564	SafeC 400-8C
445L-103564-A044	SafeC 400-8C CAG A044
445L-103605	SafeC 400 Replacement Cover (*OEM)
445L-103742	SafeC 200M-3C CAN (*OEM)
445L-103748	SafeC 200M-2P5C CAN (*OEM)
445L-103749	SafeC 200M 2P5C RS485 (*OEM)
445L-104119	SafeC 200M-2P5C CAN spec. (*OEM)
445L-104561	SafeC 400 2P5C
445L-104561-A057	SafeC 400 2P5C CAG A057
445L-104698	SafeC 400 Plug Kit
445L-105900	SafeC 200M 2P5C Blanking (*OEM)
445L-106110	SafeC 200M-3C CAN Blanking (*OEM)
445L-108440-A056	SafeC 400-3C CAG A056
445L-108440-A069	SafeC 400-3C CAG A069
445L-108441-A055	SafeC 400 8C CAG A055
445L-108440-A053	SafeC 400-3C CAG A053
445L-108441-A074	SafeC 400 8C CAG A074
445L-190200	SafeC 200M 2P5C CAN Blanking 190200 (*OEM)
445L-190201	SafeC 200M 2P5C CAN Blanking 190201 (*OEM)

**Safe C 3**



Catalog number	Description
445L-104037	SafeC 3 Ctrl V1 System w Connection module (*OEM)
445L-105896	SafeC 3 Ctrl V2 System w Connection module (*OEM)
445L-103731	SafeC 3 Cable set (*OEM)
445L-104129	SafeC 3 Ctrl V1 w Connection module (*OEM)
445L-104036	SafeC 3 Ctrl V1 (*OEM)
445L-105894	SafeC 3 Ctrl V2 (*OEM)

\*OEM = Special product designed and developed for specific OEM customers



Safety  
Light Curtain

**45MLA Slim**

Detective field length	Pitch 10 mm	Pitch 25 mm
100	45MLA-AT0100P10	45MLA-AT0100P25
150	45MLA-AT0150P10	
200	45MLA-AT0200P10	
250	45MLA-AT0250P10	45MLA-AT0250P25
300	45MLA-AT0300P10	45MLA-AT0300P25
400	45MLA-AT0400P10	45MLA-AT0400P25
450	45MLA-AT0450P10	45MLA-AT0450P25
500	45MLA-AT0500P10	45MLA-AT0500P25
550		45MLA-AT0550P25
600	45MLA-AT0600P10	45MLA-AT0600P25
650		45MLA-AT0650P25
700	45MLA-AT0700P10	45MLA-AT0700P25
750	45MLA-AT0750P10	45MLA-AT0750P25
800		45MLA-AT0800P25
900	45MLA-AT0900P10	45MLA-AT0900P25
1000		45MLA-AT1000P25
1200	45MLA-AT1200P10	45MLA-AT1200P25

Safety  
Controller

**45MLA Reinforced (ATEX)**

Detective field length	Pitch 10 mm	Pitch 25 mm
200	45MLA-DT0200P10	
300	45MLA-DT0300P10	
400	45MLA-DT0400P10	
500	45MLA-DT0500P10	
600	45MLA-DT0600P10	45MLA-DT0600P25
800	45MLA-DT0800P10	
900		45MLA-DT0900P25
1000	45MLA-DT1000P10	
1200	45MLA-DT1200P10	45MLA-DT1200P25
1250		45MLA-DT1250P25
1500	45MLA-DT1500P10	45MLA-DT1500P25
1750		45MLA-DT1750P25
1800	45MLA-DT1800P10	45MLA-DT1800P25
1900		45MLA-DT1900P25
2000		45MLA-DT2000P25
2200		45MLA-DT2200P25
2500		45MLA-DT2500P25

Sensing

**45MLA Cascaded Slim**

Detective field length	Pitch 10 mm	Pitch 25 mm
150	45MLA-CT0150P10	
300	45MLA-CT0300P10	45MLA-CT0300P25
450	45MLA-CT0450P10	
500		45MLA-CT0500P25
600	45MLA-CT0600P10	45MLA-CT0600P25
750	45MLA-CT0750P10	45MLA-CT0750P25
900	45MLA-CT0900P10	45MLA-CT0900P25
1050	45MLA-CT1050P10	
1200	45MLA-CT1200P10	45MLA-CT1200P25

Accessory

**45MLA Cascaded, Reinforced Profile (ATEX)**

Detective field length	Pitch 10 mm	Pitch 25 mm
600	45MLA-ET0600P10	45MLA-ET0600P25
800	45MLA-ET0800P10	
1000	45MLA-ET1000P10	
1200	45MLA-ET1200P10	45MLA-ET1200P25
1250		45MLA-ET1250P25
1400	45MLA-ET1400P10	
1500		45MLA-ET1500P25
1600	45MLA-ET1600P10	
1750		45MLA-ET1750P25
1800	45MLA-ET1800P10	45MLA-ET1800P25
2000	45MLA-ET2000P10	45MLA-ET2000P25
2200	45MLA-ET2200P10	
2250		45MLA-ET2250P25
2500		45MLA-ET2500P25
3000		45MLA-ET3000P25

Miscellaneous

**45MLA Specials**

Catalog number	Description
45MLA-107820-0054	450-10-4m: Flat Bracket(*OEM)
45MLA-108872	750-25-4m Emitter (*OEM)
45MLA-108873	750-25-4m Receiver (*OEM)
45MLA-FC/TxxxxP10	xxxx-10-4m Flange profile (*OEM)
45MLA-FC/TxxxxP25	xxxx-25-4m Flange profile (*OEM)
45MLA-FC/TxxxxP37	xxxx-37-4m Flange profile (*OEM)

Note: Patchcord → see Accessory  
\*OEM = Special product designed and developed for specific OEM customers

Safety  
Light Curtain

**45MLA Controller**



Catalog number	Description
45MLA-104920C002	45 MLA Controller C002
45MLA-CTRL	45MLA Controller I/O
45MLA-CTRL-100F	45MLA Controller 100F
45MLA-CTRL-485	45MLA Controller RS485
45MLA-CTRL-ALG	45MLA Controller Analog
45MLA-CTRL-BSC	45MLA Controller Basic
45MLA-CTRL-CAN	45MLA Controller CAN
45MLA-CTRL-IP00	45MLA Controller IP00 (*OEM)

Safety  
Controller

**45DLA**



Catalog number	Detective field length
45DLA-1LEB1T-F4	100
45DLA-1LEB2T-F4	200
45DLA-1LEB4T-F4	400
45DLA-1LEB6T-F4	600
45DLA-1LEB8T-F4	800

Sensing

**45DLA Special**

Catalog number	Detective field length
45DLA-1LEB8T-F4-A001	800 - fully potted

Accessory

Miscellaneous

\*OEM = Special product designed and developed for specific OEM customers

Safety  
Light Curtain

Brackets



Catalog number	Description	GS Safe 4	GS Safe 2	GS Micro 400 Profile Slim	GS Micro 400 Profile Reinforced	GS Micro 400 Profile Washdown	45MLA	45MLA Reinforced
445L-AF6140	MK,30-2 Brackets	✓	✓		✓			✓
445L-AF6141	MK,30-2 Brackets,Adj180°	✓	✓		✓			✓
445L-AF6142	Shock MK	✓	✓		✓			✓
445L-AF6143	MK,15-2 Brackets,Adj180°			✓			✓	
445L-AF6144	MK,30-2 Brackets,Vertical	✓	✓	✓	✓			✓
445L-AF6145	MK,15-2 Brackets,Flat			✓			✓	
445L-AF6149	MK,15-2 Brackets,Adj180° Style 2			✓			✓	
445L-AF6160	MK-2 Brackets,Micro 400 WD					✓		

Safety  
Controller

Sensing

Cord for Micro 400 / 45 MLA



Catalog number	Description
445L-AC8PC1	Patchcord, 8 Pin, Tx/Rx, 1 Meter,M12 to M12
445L-AC8PC3	Patchcord, 8 Pin,Tx/Rx, 3 Meter,M12 to M12
445L-AC8PC5	Patchcord, 8 Pin,Tx/Rx, 5 Meter,M12 to M12
445L-106504	Patchcord, 8 Pin,Tx/Rx, 0.3 Meter,M12 to RJ45
445L-AC8RJ1	Patchcord, 8 Pin,Tx/Rx, 1 Meter,M12 to RJ45
445L-AC8RJ2	Patchcord, 8 Pin,Tx/Rx, 2 Meter,M12 to RJ45
445L-AC8RJ3	Patchcord, 8 Pin,Tx/Rx, 3 Meter,M12 to RJ45
445L-AC8RJ5	Patchcord, 8 Pin,Tx/Rx, 5 Meter,M12 to RJ45
445L-AC8RJ8	Patchcord, 8 Pin,Tx/Rx, 8 Meter,M12 to RJ45
445L-109296	Patchcord, 8 Pin,DIN9/m to M12/f
445L-ACDN9M12	Patchcord, 8 Pin,DIN9/f to M12/m
445L-108482	Endjacks,M12,Tx/Rx,for Micro400/45MLA
45MLA-ATXM12CVR	Light Array Sensor Cable Kit Accessory

Accessory

Miscellaneous

Cordset Muting Box



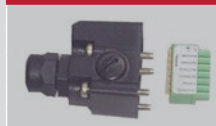
Catalog number	Description
889D-M8AB-10	Cordset 10m, Straight, DC Micro M12-8pin

Cordset for 45DLA



Catalog number	Description
889D-F4ACDM-2	DC micro (M12) QD Patchcord, 4-pin, 2 m
889D-F4AC-2	Cordset 2m, Straight, DS Micro M12-4pin
889D-M8AB-5	Cordset 5m, Straight, DS Micro M12-8pin
879D-F4DM	DC micro (M12) Splitter Tee for 45DLA

GuardShield SafeX Connection Cap



Catalog number	Description
445L-106427	Safe 4 Connection Cap A, Cable Gland
445L-106428	Safe 4 Connection Cap B, M12-5pin
445L-106429	Safe 4 T-Connector M12-5pin

Optical Interface







Catalog number	Description
445L-AF6150	Optical Interface Tool
445L-AF6151	Suction Cap,Replacement
445L-AF6152	Optical Interface Fastener
445L-103282	CD Configuration Tool
445L-108932	Optical Interface Tool - Read only

Cordset for CEDES legacy products (Process Eco and LED Display)



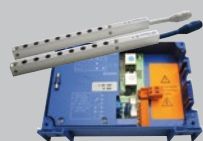
Catalog number	Description
445L-106249	Patchcord, 8 Pin, 1 Meter, MiniDin to MiniDin
445L-102793	Patchcord, 8 Pin, 3 Meter, MiniDin to MiniDin
445L-106230	Cordset, 8 Pin, 0.3 Meter, MiniDin to RJ45 (*OEM)
445L-106236	Cordset, 8 Pin, 2 Meter, MiniDin to RJ45
445L-106237	Cordset, 8 Pin, 3 Meter, MiniDin to RJ45
445L-106507	Cordset, 8 Pin, 5 Meter, MiniDin to RJ45
45CSA-104078	Cordset, 8 Pin, 5 Meter-, MiniDin to RJ45 (green)
45CSA-104481	Cordset, 8 Pin, 15 Meter, MiniDin to RJ45 (for Process Eco)

	LED Display Bar				LED Display Bar				
	Length	Catalog number	Description	Length	Catalog number	Description			
Safety Light Curtain		346	45CSA-103743-L0346	LED Display Bar, Length 346		2046	45CSA-103743-L2046	LED Display Bar, Length 2046	
		1094	45CSA-103743-L1094	LED Display Bar, Length 1094		2068	45CSA-103743-L2068	LED Display Bar, Length 2068	
		1298	45CSA-103743-L1298	LED Display Bar, Length 1298		2093	45CSA-103743-L2093	LED Display Bar, Length 2093	
		1318	45CSA-103743-L1318	LED Display Bar, Length 1318		2114	45CSA-103743-L2114	LED Display Bar, Length 2114	
		1343	45CSA-103743-L1343	LED Display Bar, Length 1343		2118	45CSA-103743-L2118	LED Display Bar, Length 2118	
		1368	45CSA-103743-L1368	LED Display Bar, Length 1368		2125	45CSA-103743-L2125	LED Display Bar, Length 2125	
		1393	45CSA-103743-L1393	LED Display Bar, Length 1393		2143	45CSA-103743-L2143	LED Display Bar, Length 2143	
		1418	45CSA-103743-L1418	LED Display Bar, Length 1418		2168	45CSA-103743-L2168	LED Display Bar, Length 2168	
		1443	45CSA-103743-L1443	LED Display Bar, Length 1443		2182	45CSA-103743-L2182	LED Display Bar, Length 2182	
		1451	45CSA-103743-L1451	LED Display Bar, Length 1451		2193	45CSA-103743-L2193	LED Display Bar, Length 2193	
Safety Controller		1468	45CSA-103743-L1468	LED Display Bar, Length 1468		2218	45CSA-103743-L2218	LED Display Bar, Length 2218	
		1493	45CSA-103743-L1493	LED Display Bar, Length 1493		2243	45CSA-103743-L2243	LED Display Bar, Length 2243	
		1502	45CSA-103743-L1502	LED Display Bar, Length 1502		2268	45CSA-103743-L2268	LED Display Bar, Length 2268	
		1518	45CSA-103743-L1518	LED Display Bar, Length 1518		2293	45CSA-103743-L2293	LED Display Bar, Length 2293	
		1543	45CSA-103743-L1543	LED Display Bar, Length 1543		2318	45CSA-103743-L2318	LED Display Bar, Length 2318	
		1568	45CSA-103743-L1568	LED Display Bar, Length 1568		2343	45CSA-103743-L2343	LED Display Bar, Length 2343	
		1593	45CSA-103743-L1593	LED Display Bar, Length 1593		2352	45CSA-103743-L2352	LED Display Bar, Length 2352	
		1618	45CSA-103743-L1618	LED Display Bar, Length 1618		2368	45CSA-103743-L2368	LED Display Bar, Length 2368	
		1643	45CSA-103743-L1643	LED Display Bar, Length 1643		2393	45CSA-103743-L2393	LED Display Bar, Length 2393	
		1668	45CSA-103743-L1668	LED Display Bar, Length 1668		2418	45CSA-103743-L2418	LED Display Bar, Length 2418	
Sensing		1693	45CSA-103743-L1693	LED Display Bar, Length 1693		2443	45CSA-103743-L2443	LED Display Bar, Length 2443	
		1706	45CSA-103743-L1706	LED Display Bar, Length 1706		2454	45CSA-103743-L2454	LED Display Bar, Length 2454	
		1707	45CSA-103743-L1707	LED Display Bar, Length 1707		2468	45CSA-103743-L2468	LED Display Bar, Length 2468	
		1718	45CSA-103743-L1718	LED Display Bar, Length 1718		2488	45CSA-103743-L2488	LED Display Bar, Length 2488	
		1743	45CSA-103743-L1743	LED Display Bar, Length 1743		2493	45CSA-103743-L2493	LED Display Bar, Length 2493	
		1768	45CSA-103743-L1768	LED Display Bar, Length 1768		2518	45CSA-103743-L2518	LED Display Bar, Length 2518	
		1793	45CSA-103743-L1793	LED Display Bar, Length 1793		2522	45CSA-103743-L2522	LED Display Bar, Length 2522	
		1818	45CSA-103743-L1818	LED Display Bar, Length 1818		2543	45CSA-103743-L2543	LED Display Bar, Length 2543	
		1843	45CSA-103743-L1843	LED Display Bar, Length 1843		2568	45CSA-103743-L2568	LED Display Bar, Length 2568	
		1868	45CSA-103743-L1868	LED Display Bar, Length 1868		2593	45CSA-103743-L2593	LED Display Bar, Length 2593	
Accessory		1893	45CSA-103743-L1893	LED Display Bar, Length 1893		2618	45CSA-103743-L2618	LED Display Bar, Length 2618	
		1910	45CSA-103743-L1910	LED Display Bar, Length 1910		2643	45CSA-103743-L2643	LED Display Bar, Length 2643	
		1918	45CSA-103743-L1918	LED Display Bar, Length 1918		2658	45CSA-103743-L2658	LED Display Bar, Length 2658	
		1943	45CSA-103743-L1943	LED Display Bar, Length 1943		2668	45CSA-103743-L2668	LED Display Bar, Length 2668	
		1968	45CSA-103743-L1968	LED Display Bar, Length 1968		2693	45CSA-103743-L2693	LED Display Bar, Length 2693	
		1993	45CSA-103743-L1993	LED Display Bar, Length 1993		2718	45CSA-103743-L2718	LED Display Bar, Length 2718	
		2018	45CSA-103743-L2018	LED Display Bar, Length 2018		2726	45CSA-103743-L2726	LED Display Bar, Length 2726	
		2043	45CSA-103743-L2043	LED Display Bar, Length 2043		2743	45CSA-103743-L2743	LED Display Bar, Length 2743	
	Miscellaneous								

	LED Display Bar				LED Display Bar				
	Length	Catalog number	Description	Length	Catalog number	Description			
Safety Light Curtain		2768	45CSA-103743-L2768	LED Display Bar, Length 2768		3518	45CSA-103743-L3518	LED Display Bar, Length 3518	
		2793	45CSA-103743-L2793	LED Display Bar, Length 2793		3543	45CSA-103743-L3543	LED Display Bar, Length 3543	
		2818	45CSA-103743-L2818	LED Display Bar, Length 2818		3568	45CSA-103743-L3568	LED Display Bar, Length 3568	
		2843	45CSA-103743-L2843	LED Display Bar, Length 2843		3587	45CSA-103743-L3587	LED Display Bar, Length 3587	
		2862	45CSA-103743-L2862	LED Display Bar, Length 2862		3593	45CSA-103743-L3593	LED Display Bar, Length 3593	
		2868	45CSA-103743-L2868	LED Display Bar, Length 2868		3618	45CSA-103743-L3618	LED Display Bar, Length 3618	
		2893	45CSA-103743-L2893	LED Display Bar, Length 2893		3643	45CSA-103743-L3643	LED Display Bar, Length 3643	
		2918	45CSA-103743-L2918	LED Display Bar, Length 2918		3668	45CSA-103743-L3668	LED Display Bar, Length 3668	
		2930	45CSA-103743-L2930	LED Display Bar, Length 2930		3693	45CSA-103743-L3693	LED Display Bar, Length 3693	
		2943	45CSA-103743-L2943	LED Display Bar, Length 2943		3718	45CSA-103743-L3718	LED Display Bar, Length 3718	
Safety Controller		2968	45CSA-103743-L2968	LED Display Bar, Length 2968		3746	45CSA-103743-L3746	LED Display Bar, Length 3746	
		2993	45CSA-103743-L2993	LED Display Bar, Length 2993		45CSA-103744	Ctrl for LED Display bar, CAN, T1		
		3018	45CSA-103743-L3018	LED Display Bar, Length 3018		45CSA-103751	7-segment Dual display, Complete		
		3043	45CSA-103743-L3043	LED Display Bar, Length 3043		45CSA-109672	RS485 Controller for LED Display bar, Type 2		
		3066	45CSA-103743-L3066	LED Display Bar, Length 3066		45CSA-109674	CAN Controller for LED Display bar, Type 2		
		3068	45CSA-103743-L3068	LED Display Bar, Length 3068					
		3093	45CSA-103743-L3093	LED Display Bar, Length 3093					
		3110	45CSA-103743-L3110	LED Display Bar, Length 3110					
		3118	45CSA-103743-L3118	LED Display Bar, Length 3118					
		3134	45CSA-103743-L3134	LED Display Bar, Length 3134					
Sensing		3143	45CSA-103743-L3143	LED Display Bar, Length 3143					
		3168	45CSA-103743-L3168	LED Display Bar, Length 3168					
		3193	45CSA-103743-L3193	LED Display Bar, Length 3193					
		3218	45CSA-103743-L3218	LED Display Bar, Length 3218					
		3243	45CSA-103743-L3243	LED Display Bar, Length 3243					
		3268	45CSA-103743-L3268	LED Display Bar, Length 3268					
		3270	45CSA-103743-L3270	LED Display Bar, Length 3270					
		3293	45CSA-103743-L3293	LED Display Bar, Length 3293					
		3318	45CSA-103743-L3318	LED Display Bar, Length 3318					
		3338	45CSA-103743-L3338	LED Display Bar, Length 3338					
Accessory		3343	45CSA-103743-L3343	LED Display Bar, Length 3343					
		3368	45CSA-103743-L3368	LED Display Bar, Length 3368					
		3393	45CSA-103743-L3393	LED Display Bar, Length 3393					
		3418	45CSA-103743-L3418	LED Display Bar, Length 3418					
		3443	45CSA-103743-L3443	LED Display Bar, Length 3443					
		3468	45CSA-103743-L3468	LED Display Bar, Length 3468					
		3474	45CSA-103743-L3474	LED Display Bar, Length 3474					
		3493	45CSA-103743-L3493	LED Display Bar, Length 3493					
	Miscellaneous								

Safety  
Light Curtain

**Process Eco Pair including Controller and Cable**



Catalog number	Description
45CSA-103608-M0109	45CSA,Process Eco,Pair-M0109,08 Elements
45CSA-103608-M0236	45CSA,Process Eco,Pair-M0236,08 Elements
45CSA-103608-M0246	45CSA,Process Eco,Pair-M0246,08 Elements
45CSA-103608-M0279	45CSA,Process Eco,Pair-M0279,08 Elements
45CSA-103608-M0290	45CSA,Process Eco,Pair-M0290,08 Elements
45CSA-103608-M0379	45CSA,Process Eco,Pair-M0379,08 Elements
45CSA-103608-M0433	45CSA,Process Eco,Pair-M0433,08 Elements
45CSA-103608-M0535	45CSA,Process Eco,Pair-M0535,08 Elements
45CSA-103608-M0608	45CSA,Process Eco,Pair-M0608,08 Elements
45CSA-103608-M0759	45CSA,Process Eco,Pair-M0759,08 Elements
45CSA-103608-M0048	45CSA,Process Eco,Pair-M0048,16 Elements
45CSA-103608-M0131	45CSA,Process Eco,Pair-M0131,16 Elements
45CSA-103608-M0286	45CSA,Process Eco,Pair-M0286,16 Elements
45CSA-103608-M0293	45CSA,Process Eco,Pair-M0293,16 Elements
45CSA-103608-M0380	45CSA,Process Eco,Pair-M0380,16 Elements
45CSA-103608-M0381	45CSA,Process Eco,Pair-M0381,16 Elements
45CSA-103608-M0437	45CSA,Process Eco,Pair-M0437,16 Elements
45CSA-103608-M0472	45CSA,Process Eco,Pair-M0472,16 Elements
45CSA-103608-M0508	45CSA,Process Eco,Pair-M0508,16 Elements
45CSA-103608-M0513	45CSA,Process Eco,Pair-M0513,16 Elements
45CSA-103608-M0538	45CSA,Process Eco,Pair-M0538,16 Elements
45CSA-103608-M0549	45CSA,Process Eco,Pair-M0549,16 Elements
45CSA-103608-M0686	45CSA,Process Eco,Pair-M0686,16 Elements
45CSA-103608-M0756	45CSA,Process Eco,Pair-M0756,16 Elements
45CSA-103608-M0050	45CSA,Process Eco,Pair-M0050,24 Elements
45CSA-103608-M0087	45CSA,Process Eco,Pair-M0087,24 Elements

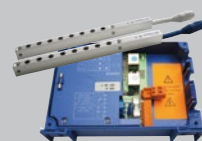
Safety  
Controller

Sensing

Accessory

Miscellaneous

**Process Eco Pair including Controller and Cable**



Catalog number	Description
45CSA-103608-M0382	45CSA,Process Eco,Pair-M0382,24 Elements
45CSA-103608-M0531	45CSA,Process Eco,Pair-M0531,24 Elements
45CSA-103608-M0628	45CSA,Process Eco,Pair-M0628,24 Elements
45CSA-103608-M0725	45CSA,Process Eco,Pair-M0725,24 Elements
45CSA-103608-M0173	45CSA,Process Eco,Pair-M0173,32 Elements
45CSA-103608-M0228	45CSA,Process Eco,Pair-M0228,32 Elements
45CSA-103608-M0277	45CSA,Process Eco,Pair-M0277,32 Elements
45CSA-103608-M0365	45CSA,Process Eco,Pair-M0365,32 Elements
45CSA-103608-M0383	45CSA,Process Eco,Pair-M0383,32 Elements
45CSA-103608-M0384	45CSA,Process Eco,Pair-M0384,32 Elements
45CSA-103608-M0435	45CSA,Process Eco,Pair-M0435,32 Elements
45CSA-103608-M0436	45CSA,Process Eco,Pair-M0436,32 Elements
45CSA-103608-M0438	45CSA,Process Eco,Pair-M0438,32 Elements
45CSA-103608-M0439	45CSA,Process Eco,Pair-M0439,32 Elements
45CSA-103608-M0463	45CSA,Process Eco,Pair-M0463,32 Elements
45CSA-103608-M0500	45CSA,Process Eco,Pair-M0500,32 Elements
45CSA-103608-M0524	45CSA,Process Eco,Pair-M0524,32 Elements
45CSA-103608-M0533	45CSA,Process Eco,Pair-M0533,32 Elements
45CSA-103608-M0545	45CSA,Process Eco,Pair-M0545,32 Elements
45CSA-103608-M0634	45CSA,Process Eco,Pair-M0634,32 Elements
45CSA-103608-M0658	45CSA,Process Eco,Pair-M0658,32 Elements
45CSA-103608-M0666	45CSA,Process Eco,Pair-M0666,32 Elements
45CSA-103608-M0698	45CSA,Process Eco,Pair-M0698,32 Elements
45CSA-103608-M0748	45CSA,Process Eco,Pair-M0748,32 Elements
45CSA-103608-M0755	45CSA,Process Eco,Pair-M0755,32 Elements
45CSA-103608-M0757	45CSA,Process Eco,Pair-M0757,32 Elements

Safety  
Light Curtain

**Process Eco Controller**



Catalog number	Description
45CSA-102075	45CSA,Ctrl-EcoC-230-Rel,Process-Eco
45CSA-104458	45CSA,Ctrl-EcoC-24-Rel-T,Process-Eco

Safety  
Controller

**Paper Cutting Machine Safety  
Cantilever System with Safety Light Curtain**



Catalog number	Description
445L-107695	Cantilever 400-450A, Pair, 4 pcs, Wout cable/window
445L-107696	Cantilever 400-450B, Pair, 4 pcs, Wout cable (*OEM)
445L-107697	Cantilever 400-400A, Pair, 2 pcs, Wout cable (*OEM)
445L-107698	Cantilever 4A, Pair, 4 pcs (*OEM)
445L-106028	Cantilever Window 400-450B, left/right (*OEM)
445L-106029	Cantilever Housing 400-450B, left (*OEM)
445L-106030	Cantilever Housing 400-450B, right (*OEM)
445L-106031	Cantilever Housing 400-400A, left
445L-106032	Cantilever Housing 400-400A, right
445L-106033	Cantilever Window 400-400A, left/right

Sensing

**Muting**



Catalog number	Description
445L-AMUTBOX1	Muting Control Box
445L-AMSTDMUT	Cantilever 500mm
445L-AMSTD2M	Floor Mounting Stand 2000mm
445L-103586	Floor Mounting Plate
445L-103679	Floor Mounting Accessory Kit

Accessory

Miscellaneous

\*OEM = Special product designed and developed for specific OEM customers

**Brand Transition**

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**Automation**

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