63-90 A

U MAX
1000 V AC
1500 V DC

DECONTACTOR™ DS6 POLY

INSTRUCTIONS FOR USE

IN-LINE CONNECTIONS TO COMMAND
A pair of finger draw plates to aid closing
Reference 316A346

IP66	10-25 mm² (1)	GRP	IK09	-40 °C +60 °C	AC-22A AC-23A DC-21A	60309-1 60309-4	4 AUX. (3)
IP67	10-35 mm² (2)						

(1) Flexible wiring (min.-max.).
(2) Stranded wiring (min.-max.).
(3) Flexible wiring 2,2 mm².

Other cable sections: please contact us

GRP devices are not compatible with metal devices.

For a black colour housing replace the second reference character with 5.

Dual-voltage socket-outlet (see p. 21)

LOAD-BREAK CAPABILITY OF THE DECONTACTOR™	
Comply with IEC/EN 60309-1 and IEC/EN 60309-4 standards	(90 A/690 V) or (63 A/1 000 V)
Load-break capability according to IEC/EN 60947-3/AC-22A	63 A/690 V
Load-break capability according to IEC/EN 60947-3/AC-23A	90 A/400 V
Load-break capability according to IEC/EN 60947-3/DC-21A	90 A/250 V
Short-circuit current Icc	10 kA
Power kW AC-22A/AC-23A	45 kW

SOCKET-OUTLET female DS6

INLET male DS6

190-250 V AC	1P+N+E	3164015	3168015
380-440 V AC	3P+E	3164013	3168013
190-250 V AC / 380-440 V AC	3P+N+E	3164017	3168017
660-690 V AC	3P+E	3164193	3168193
660-690 V AC	3P+N+E	3164197	3168197
1 000 V AC	3P+E	3164223	3168223
Auxiliaries 5 A/500 V AC	+ 2 contacts	Ref. + 972	Ref. + 972
Auxiliaries 5 A/500 V AC	+ 4 contacts	Ref. + 264	Ref. + 264

▶ Other currents, voltages, frequencies and contact configurations are available (see page 21).
▶ Existing version for 100 A is available, order Reference +228.

OPTIONS	Reference
LOCKING PIN FOR 2 PADLOCKS Ø 4 TO 8 mm (PADLOCKS NOT SUPPLIED)	
	Socket-outlet ref. + 843
SAFETY HASP FOR UP TO 6 PADLOCKS	
	399A541
LARGER RELEASE BUTTON	
	Socket-outlet ref. + 453
INLET CAP IP66/IP67	
	316A426
SELF-RETURNING LID: IP40 LID CLOSED: IP66/IP67/IP69	
	Socket-outlet ref. + R
IP55 METAL LOCKABLE SELF-CLOSING LID FOR INLET	
	316A226
SELF-EJECTION	
	See page 204

PRODUCTS AVAILABLE IN BLACK ●

The black dot means these products are also available in black color. Replace the second character of the product reference with 5

HANDLE	Input/Cable outer Ø	Reference	Self-ejection
ELASTOMER HANDLE WITH GLAND			
	14-20 mm	554P0D20L	Ref. +443
	18-25 mm	554P0D25L	Ref. +443
	25-35 mm	554P0D35L	Ref. +443
	35-45 mm	554P0D45L	Ref. +443
	45-49 mm	554P0D49L	Ref. +443
POLY HANDLE WITH GLAND			
	13-35 mm	514P0D35	/
POLY HANDLE + POLY CABLE GLAND			●
	14-25 mm	514P032P	Ref. +443
	18-32 mm	514P040P	Ref. +443
	24-38 mm	514P050P	Ref. +443
POLY HANDLE (WITHOUT CABLE GLAND)			●
	M32	514P0M32	Ref. +443
	M40	514P0M40	Ref. +443
	M50	514P0M50	/
METAL HANDLE METRIC THREAD ENTRY (WITHOUT CABLE GLAND)			
	M25	594P0M25	/
	M32	594P0M32	/
	M40	594P0M40	/
	M50	594P0M50	/

HANDLE	Input/Cable outer Ø	Reference
METAL HANDLE WITH METAL GLAND (+ EARTHING WIRE)		
	8-16 mm	594P025M
	16-24 mm	594P032M
	22-32 mm	594P040M
	34-44 mm	594P050M

BOXES	x°	Input	Reference
POLY BOX			●
	30°	M32	514B3M32
	30°	M40	514B3M40
METAL BOX (+ EARTHING WIRE)			
	20°	M25	594B2M25
	20°	M32	594B2M32
	20°	M40	594B2M40
POLY BOX + POLY SLEEVE			
Earth bar ref. : 51AA089	70°	Without hole	514C7000
	70°	Hole Ø 32	514C7M32
	70°	Hole Ø 40	514C7M40
METAL BOX (+ EARTHING WIRE) + POLY SLEEVE			
	30°	M25	514C3M25
	30°	M32	514C3M32
	30°	M40	514C3M40
	30°	M50	514C3M50
METAL BOX (+ EARTHING WIRE) + METAL SLEEVE			
	30°	M25	594C3M25
	30°	M32	594C3M32
	30°	M40	594C3M40
	30°	M50	594C3M50
	0° (Straight)	M25	594C0M25
	0° (Straight)	M32	594C0M32
	0° (Straight)	M40	594C0M40
	0° (Straight)	M50	594C0M50
	70°	M25	594C7M25
	70°	M32	594C7M32
	70°	M40	594C7M40
	70°	M50	594C7M50

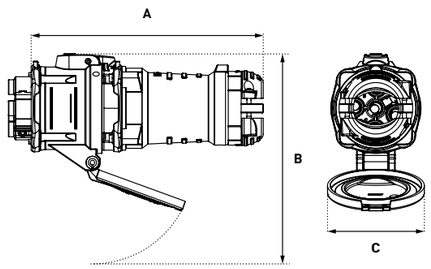
Cable glands are not delivered with the boxes.

SLEEVE	x°	Reference
POLY SLEEVE		
●	30°	514M3
	70°	514M7
METAL SLEEVE		
	0° (Straight)	594M0
	30°	594M3
	70°	594M7

DRAWINGS AND DIMENSIONS

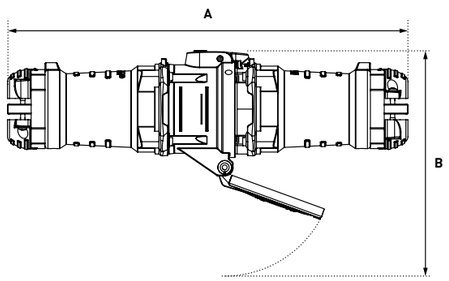
DOWNLOAD
THE DRAWINGS
ON OUR WEBSITE
marechal.com

PLUG ON SOCKET-OUTLET



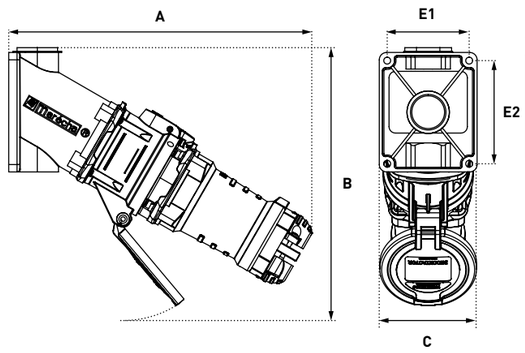
A	B	C
252	228	105

COUPLER



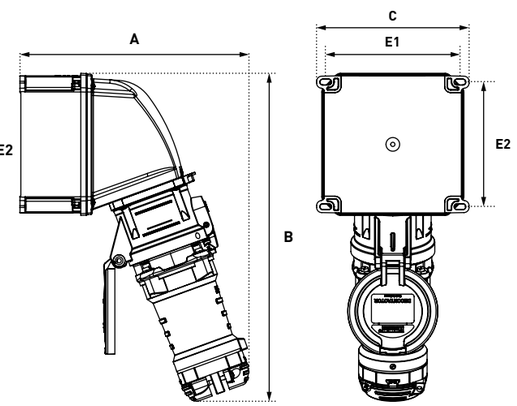
A	B
405	228

PLUG ON 30° WALL MOUNTED SOCKET-OUTLET



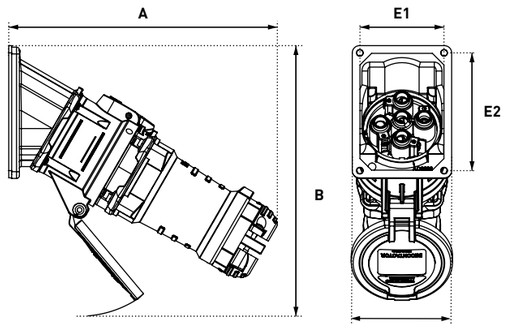
A	B	C	E1	E2
329	296	105	89	112

PLUG ON 70° WALL-MOUNTED SOCKET-OUTLET



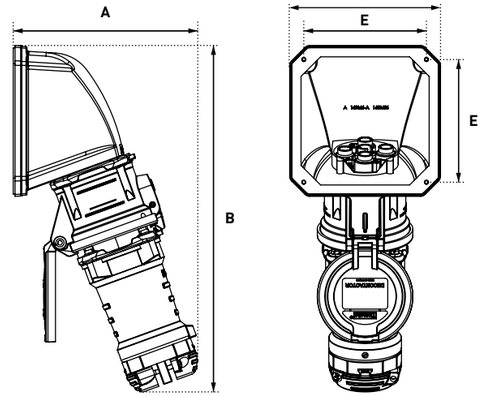
A	B	C	E1	E2
267	383	178	157	145

PLUG ON 30° INCLINED SOCKET-OUTLET

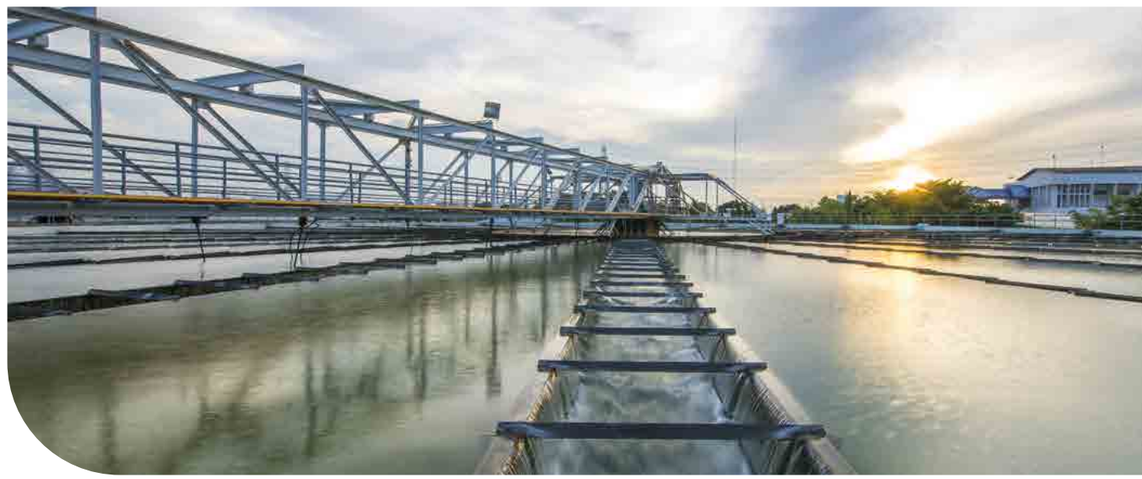


A	B	C	E1	E2
278	280	105	87	122

PLUG ON 70° INCLINED SOCKET-OUTLET



A	B	C	E
203	381	166	135



63-90 A

U MAX
1000 V AC
1500 V DC

DECONTACTOR™ DS6 METAL

INSTRUCTIONS FOR USE

IN-LINE CONNECTIONS TO COMMAND
A pair of finger draw plates to aid closing
Reference 316A346

IP66 IP67 | 10-25 mm² (1) 10-35 mm² (2) | METAL | IK10 | -40 °C +60 °C | AC-22A AC-23A DC-21A | 60309-1 60309-4 60947-3 | 4 AUX. (3) | EMC

(1) Flexible wiring (min.-max.).
(2) Stranded wiring (min.-max.).
(3) Flexible wiring : 2,2 mm².

Other conj gurations on request.

GRP devices are not compatible with metal devices.

LOAD-BREAK CAPABILITY OF THE DECONTACTOR™	
Comply with IEC/EN 60309-1 and IEC/EN 60309-4 standards	(90 A/690 V) or (63 A/1 000 V)
Load-break capability according to IEC/EN 60947-3/AC-22A	63 A/690 V
Load-break capability according to IEC/EN 60947-3/AC-23A	90 A/400 V
Load-break capability according to IEC/EN 60947-3/DC-21A	90 A/250 V
Short-circuit current Icc	10 kA
Power kW AC-22A/AC-23A	45 kW

SOCKET-OUTLET female **DS6**

INLET male **DS6**

190-250 V AC	1P+N+E	3964015	3968015
380-440 V AC	3P+E	3964013	3968013
190-250 V AC / 380-440 V AC	3P+N+E	3964017	3968017
660-690 V AC	3P+E	3964193	3968193
660-690 V AC	3P+N+E	3964197	3968197
1 000 V AC	3P+E	3964223	3968223
Auxiliaries 5 A/500 V AC	+ 2 contacts	Ref. + 972	Ref. + 972
Auxiliaries 5 A/500 V AC	+ 4 contacts	Ref. + 264	Ref. + 264

Dual-voltage socket-outlet (see p. 21)

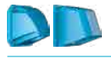
▶ Other currents, voltages, frequencies and contact configurations are available (see page 21).
▶ Existing version for 100 A is available, order Reference +228.

OPTIONS	Reference
LOCKING PIN FOR 2 PADLOCKS Ø 4 TO 8 mm (PADLOCKS NOT SUPPLIED)	
	Socket-outlet ref. + 843
SAFETY HASP FOR UP TO 6 PADLOCKS	
	399A541
LARGER RELEASE BUTTON	
	Socket-outlet ref. + 453
INLET CAP IP66/IP67	
	316A426
SELF-RETURNING LID: IP40 LID CLOSED: IP66/IP67/IP69	
	Socket-outlet ref. + R
IP55 METAL LOCKABLE SELF-CLOSING LID FOR INLET	
	396A226
ELECTROMAGNETIC COMPATIBILITY (EMC) ●	
Please order a metal threaded accessory herewith, together with a EMC cable gland to be found on page 348.	
SELF-EJECTION	
	See page 204

BOXES	X°	Input	Reference
POLY BOX			
	30°	M32	514B3M32
	30°	M40	514B3M40
METAL BOX (+ EARTHING WIRE) ●			
	20°	M25	594B2M25
	20°	M32	594B2M32
	20°	M40	594B2M40
POLY BOX + POLY SLEEVE			
	70°	Without hole	514C7000
	70°	Ø 32 mm drill hole	514C7M32
Earth bar ref. : 51AA089	70°	Ø 40 mm drill hole	514C7M40
METAL BOX (+ EARTHING WIRE) + POLY SLEEVE			
	30°	M25	514C3M25
	30°	M32	514C3M32
	30°	M40	514C3M40
	30°	M50	514C3M50
METAL BOX (+ EARTHING WIRE) + METAL SLEEVE ●			
	30°	M25	594C3M25
	30°	M32	594C3M32
	30°	M40	594C3M40
	30°	M50	594C3M50
	0° (Straight)	M25	594C0M25
	0° (Straight)	M32	594C0M32
	0° (Straight)	M40	594C0M40
	0° (Straight)	M50	594C0M50
	70°	M25	594C7M25
	70°	M32	594C7M32
	70°	M40	594C7M40
	70°	M50	594C7M50

Cable glands are not delivered with the boxes.

HANDLE	Input/Cable outer Ø	Reference	Self-ejection
ELASTOMER HANDLE WITH GLAND			
	14-20 mm	554P0D20L	Ref. +443
	18-25 mm	554P0D25L	Ref. +443
	25-35 mm	554P0D35L	Ref. +443
	35-45 mm	554P0D45L	Ref. +443
	45-49 mm	554P0D49L	Ref. +443

SLEEVE	X°	Reference POLY	Reference METAL ●
	0° (Straight)	/	594M0
	30°	514M3	594M3
	70°	514M7	594M7

HANDLE	Input/Cable outer Ø	Reference	Self-ejection
POLY HANDLE WITH GLAND			
	13-35 mm	514P0D35	/
POLY HANDLE + POLY CABLE GLAND			
	14-25 mm	514P032P	Ref. +443
	18-32 mm	514P040P	Ref. +443
	24-38 mm	514P050P	Ref. +443
POLY HANDLE (WITHOUT CABLE GLAND)			
	M32	514P0M32	Ref. +443
	M40	514P0M40	Ref. +443
	M50	514P0M50	/
METAL HANDLE + METAL CABLE GLAND (+ EARTHING WIRE) ●			
	8-16 mm	594P025M	/
	16-24 mm	594P032M	/
	22-32 mm	594P040M	/
	34-44 mm	594P050M	/
METAL HANDLE METRIC THREAD ENTRY (WITHOUT CABLE GLAND) ●			
	M25	594P0M25	/
	M32	594P0M32	/
	M40	594P0M40	/
	M50	594P0M50	/

DRAWINGS AND DIMENSIONS

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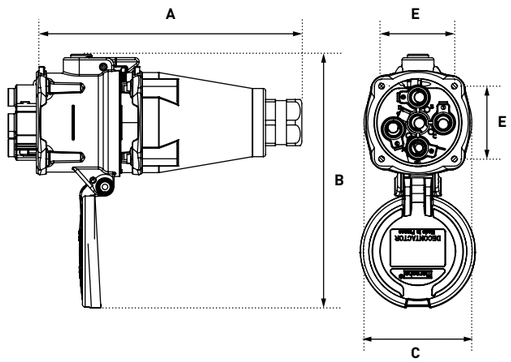
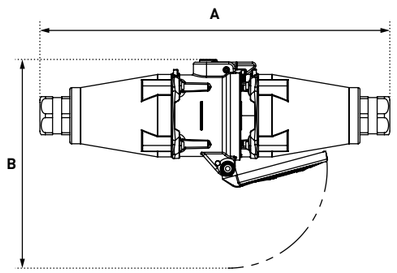
PLUG ON SOCKET-OUTLET



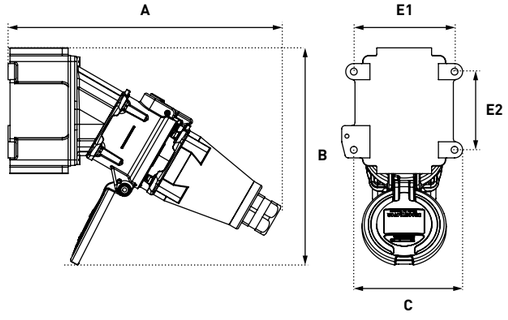
A	B	C	E
241	230	104	66

COUPLER



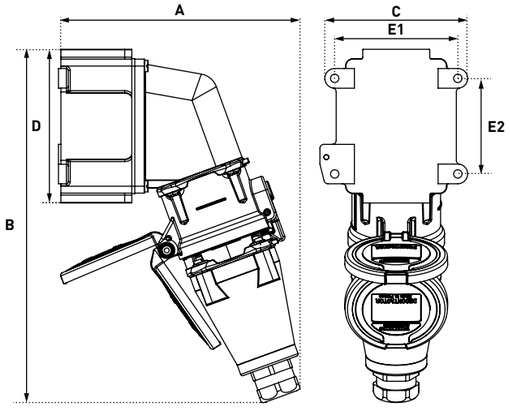
A	B
386	230

PLUG ON 30° WALL MOUNTED SOCKET-OUTLET



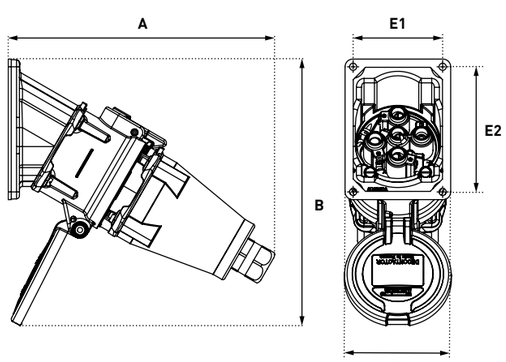
A	B	C	E1	E2
338	270	135	125	97

PLUG ON 70° WALL-MOUNTED SOCKET-OUTLET



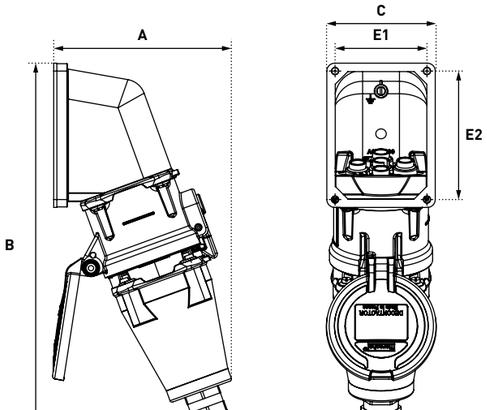
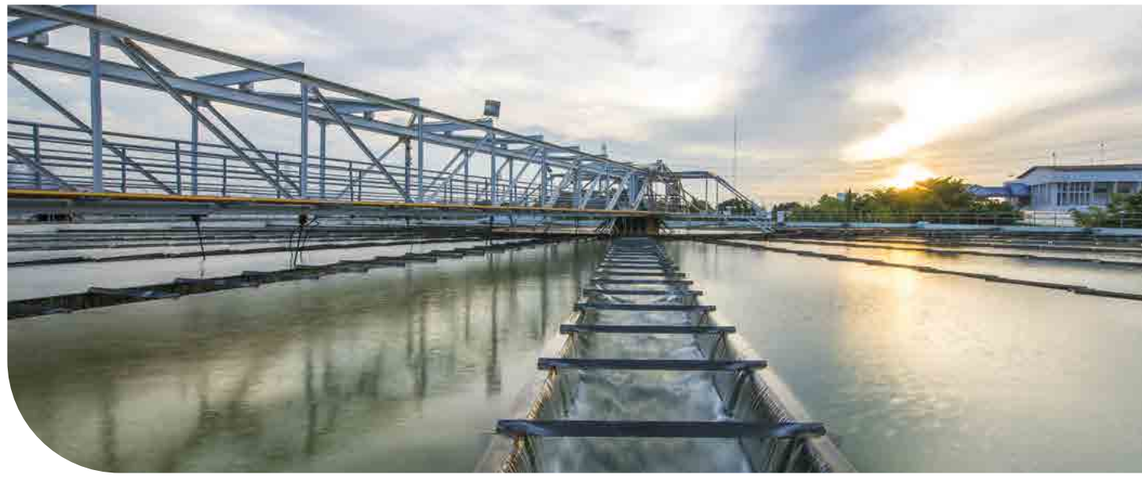
A	B	C	D	E1	E2
246	357	145	166	125	97

PLUG ON 30° INCLINED SOCKET-OUTLET



A	B	C	D	E1	E2
279	257	102	136	88	122

PLUG ON 70° INCLINED SOCKET-OUTLET



A	B	C	E1	E2
169	346	104	88	122