

A10 Selection Table

A10: Technical Data of EPIC® Rectangular Connectors

Technical Data												
Inserts	Number of contacts	Termination technology	Suitable contacts	Cross-section [mm ²]	IEC: Rated voltage [V]	IEC: Rated current [A]	UL: Rated voltage [V]	UL: Rated current [A]	CSA: Rated voltage [V]	CSA: Rated current [A]	Suitable housings	
EPIC® Rectangular Connectors												
H-A 3	3 + PE	screw	-	0.5 - 2.5	400	23	600	10	400	10	H-A 3	
H-A 4	4 + PE	screw	-	0.5 - 2.5	400	23	600	10	400	10	H-A 3	
H-A 10	10 + PE	screw	-	0.5 - 2.5	250	16	600	14	600	16	H-A 10	
H-A 16	16 + PE	screw	-	0.5 - 2.5	250	16	600	14	600	16	H-A 16	
H-A 32	32 + PE	screw	-	0.5 - 2.5	250	16	600	14	600	16	H-A 32	
H-A 48	48 + PE	screw	-	0.5 - 2.5	250	16	600	14	600	16	H-A 48	
STA 6	6	screw	-	0.5 - 1.5	24 AC/60 DC	10	48	10	48	10	H-A 3	
STA 6	6	solder	-	max. 1.5	24 AC/60 DC	10	48	10	48	10	H-A 3	
STA 14	14	screw	-	0.5 - 1.5	24 AC/60 DC	10	48	10	48	10	H-A 10	
STA 14	14	solder	-	max. 1.5	24 AC/60 DC	10	48	10	48	10	H-A 10	
STA 20	20	screw	-	0.5 - 1.5	24 AC/60 DC	10	48	10	48	10	H-A 16	
STA 20	20	solder	-	max. 1.5	24 AC/60 DC	10	48	10	48	10	H-A 16	
H-Q 5	5 + PE	crimp	H-BE 2.5 machined	0.5 - 2.5	230/400	16	600	16	600	16	H-A 3	
H-D 7	7 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	24 AC/60 DC/250	10	250	10	-	-	H-A 3	
H-D 7	7 + PE	crimp	H-D 1.6 stamped	0.14 - 2.5	24 AC/60 DC/250	10	250	10	-	-	H-A 3	
H-D 8	8	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	250	10	-	-	H-A 3	
H-D 15	15 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	250	10	-	-	H-A 10	
H-D 15	15 + PE	crimp	H-D 1.6 stamped	0.14 - 2.5	250	10	250	10	-	-	H-A 10	
H-D 25	25 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	250	10	-	-	H-A 16	
H-D 25	25 + PE	crimp	H-D 1.6 stamped	0.14 - 2.5	250	10	250	10	-	-	H-A 16	
H-D 40	40 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	250	10	-	-	H-B 16	
H-D 40	40 + PE	crimp	H-D 1.6 stamped	0.14 - 2.5	250	10	250	10	-	-	H-B 16	
H-D 64	64 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	250	10	-	-	H-B 24	
H-D 64	64 + PE	crimp	H-D 1.6 stamped	0.14 - 2.5	250	10	250	10	-	-	H-B 24	
H-DD 24	24 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	600	8.5	600	10	H-B 6	
H-DD 42	42 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	600	8.5	600	10	H-B 10	
H-DD 72	72 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	600	8.5	600	10	H-B 16	
H-DD 108	108 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	600	8.5	600	10	H-B 24	
H-DD 144	144 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	600	8.5	600	10	H-B 32	
H-DD 216	216 + PE	crimp	H-D 1.6 machined	0.14 - 2.5	250	10	600	8.5	600	10	H-B 48	
H-BE 6	6 + PE	screw	-	0.5 - 2.5	500	16	600	16	600	16	H-B 6	
H-BE 6	6 + PE	crimp	H-BE 2.5 machined	0.5 - 4.0	500	16	600	16	600	16	H-B 6	
H-BE 6	6 + PE	cage clamp	-	0.5 - 2.5	500	16	600	16	600	16	H-B 6	
H-BE 10	10 + PE	screw	-	0.5 - 2.5	500	16	600	16	600	16	H-B 10	
H-BE 10	10 + PE	crimp	H-BE 2.5 machined	0.5 - 4.0	500	16	600	16	600	16	H-B 10	
H-BE 10	10 + PE	cage clamp	-	0.5 - 2.5	500	16	600	16	600	16	H-B 10	
H-BE 16	16 + PE	screw	-	0.5 - 2.5	500	16	600	16	600	16	H-B 16	
H-BE 16	16 + PE	crimp	H-BE 2.5 machined	0.5 - 4.0	500	16	600	16	600	16	H-B 16	
H-BE 16	16 + PE	cage clamp	-	0.5 - 2.5	500	16	600	16	600	16	H-B 16	
H-BE 24	24 + PE	screw	-	0.5 - 2.5	500	16	600	16	600	16	H-B 24	
H-BE 24	24 + PE	crimp	H-BE 2.5 machined	0.5 - 4.0	500	16	600	16	600	16	H-B 24	
H-BE 24	24 + PE	cage clamp	-	0.5 - 2.5	500	16	600	16	600	16	H-B 24	

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EPIC® Rectangular Connectors											
H-BE 32	32 + PE	screw	-	0.5 – 2.5	500	16	600	16	600	16	H-B 32
H-BE 32	32 + PE	crimp	H-BE 2.5 machined	0.5 – 4.0	500	16	600	16	600	16	H-B 32
H-BE 32	32 + PE	cage clamp	-	0.5 – 2.5	500	16	600	16	600	16	H-B 32
H-BE 48	48 + PE	screw	-	0.5 – 2.5	500	16	600	16	600	16	H-B 48
H-BE 48	48 + PE	crimp	H-BE 2.5 machined	0.5 – 4.0	500	16	600	16	600	16	H-B 48
H-BE 48	48 + PE	cage clamp	-	0.5 – 2.5	500	16	600	16	600	16	H-B 48
H-EE 10	10 + PE	crimp	H-BE 2.5 machined	0.5 – 4.0	500	16	600	16	600	16	H-B 6
H-EE 18	18 + PE	crimp	H-BE 2.5 machined	0.5 – 4.0	500	16	600	16	600	16	H-B 10
H-EE 32	32 + PE	crimp	H-BE 2.5 machined	0.5 – 4.0	500	16	600	16	600	16	H-B 16
H-EE 46	46 + PE	crimp	H-BE 2.5 machined	0.5 – 4.0	500	16	600	16	600	16	H-B 24
H-EE 64	64 + PE	crimp	H-BE 2.5 machined	0.5 – 4.0	500	16	600	16	600	16	H-B 32
H-EE 92	92 + PE	crimp	H-BE 2.5 machined	0.5 – 4.0	500	16	600	16	600	16	H-B 48
H-BS 6	6 + PE	screw	-	0.5 – 6.0	400	35	600	35	600	35	H-B 16
H-BS 12	12 + PE	screw	-	0.5 – 6.0	400	35	600	35	600	35	H-B 32
H-BVE 3	3+2+PE	screw	-	0.5 – 2.5	630	16	600	16	600	16	H-B 10
H-BVE 3	3+2+PE	cage clamp	-	0.5 – 2.5	830	16	600	16	600	16	H-B 10
H-BVE 6	6+2+PE	screw	-	0.5 – 2.5	630	16	600	16	600	16	H-B 16
H-BVE 10	10+2+PE	screw	-	0.5 – 2.5	630	16	600	16	600	16	H-B 24
Terminal Block TB-H-BE 6	6 + PE	screw	-	0.5 – 4.0	500	16	600	16	600	16	H-B 6
Terminal Block TB-H-BE 10	10 + PE	screw	-	0.5 – 4.0	500	16	600	16	600	16	H-B 10
Terminal Block TB-H-BE 16	16 + PE	screw	-	0.5 – 4.0	500	16	600	16	600	16	H-B 16
Terminal Block TB-H-BE 24	24 + PE	screw	-	0.5 – 4.0	500	16	600	16	600	16	H-B 24
Module High current 1+PE	1 + PE	screw	-	10.0 – 25.0	1000	82	-	-	-	-	Module frame
Module High current 2pol.	2	screw	-	10.0 – 25.0	1000	82	-	-	-	-	Module frame
Module High voltage 3pol.	3	crimp	MC 3.6 machined	1.5 – 10.0	1000	50	-	-	-	-	Module frame
Module High voltage 4+PE	4 + PE	crimp	MC 2.5 stamped	0.5 – 2.5	1000	16	-	-	-	-	Module frame
Modul 3pole	3	crimp	MC 3.6 machined	1.5 – 10.0	630	40	-	-	-	-	Module frame
Modul 4pole HE	4	crimp	H-BE 2.5 machined	0.5 – 4.0	630	25	-	-	-	-	Module frame
Modul 4pole cage clamp	4	cage clamp	-	0.5 – 2.5	400	14	600	14	600	14	Module frame
Modul 5pole	5	crimp	MC 2.5 machined	0.5 – 4.0	400	20	-	-	-	-	Module frame
Modul 10pole machined	10	crimp	H-D 1.6 machined	0.14 – 2.5	250	10	-	-	-	-	Module frame
Modul 10pole stamped	10	crimp	H-D 1.6 stamped	0.14 – 2.5	250	10	-	-	-	-	Module frame
Modul 20pole	20	crimp	M-D 1.0 stamped	0.08 – 0.52	100	4	-	-	-	-	Module frame
Modul 3pole Coax	3	solder	MC Coax	-	250	-	-	-	-	-	Module frame
Modul Profibus DP	2+shield	screw	-	max. 1.5	30	1	-	-	-	-	Module frame
Modul Universal Bus	4+shield	screw	-	max. 1.5	30	1	-	-	-	-	Module frame
Modul RJ45	8 + 4	crimp	H-D 1.6 machined	Cat.5/0.14 – 2.5	125/600	1.5/10	-	-	-	-	Module frame
Module frame MCR 6	-	-	for 2 modules	-	-	-	-	-	-	-	H-B 6
Module frame MCR 10	-	-	for 3 modules	-	-	-	-	-	-	-	H-B 10
Module frame MCR 16	-	-	for 5 modules	-	-	-	-	-	-	-	H-B 16
Module frame MCR 24	-	-	for 7 modules	-	-	-	-	-	-	-	H-B 24