


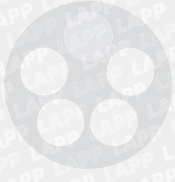
Technical data for EPIC® rectangular connectors

Usage criteria		EPIC® rectangular connectors/inserts																				
		EPIC® H-A 3	EPIC® H-A 4	EPIC® H-A 10	EPIC® H-A 16	EPIC® H-A 32	EPIC® H-A 48	EPIC® STA 6	EPIC® STA 6	EPIC® STA 14	EPIC® STA 14	EPIC® STA 20	EPIC® STA 20	EPIC® H-Q 5	EPIC® H-D 7	EPIC® H-D 7	EPIC® H-D 8	EPIC® H-D 15	EPIC® H-D 15	EPIC® H-D 25	EPIC® H-D 25	EPIC® H-D 40
Parameter																						
Number of contacts		3 + PE	4 + PE	10 + PE	16 + PE	32 + PE	48 + PE	6	6	14	14	20	20	5 + PE	7 + PE	7 + PE	8	15 + PE	15 + PE	25 + PE	25 + PE	40 + PE
Connection system:	screw	✓	✓	✓	✓	✓	✓	✓		✓		✓										
	solder								✓		✓		✓									
	crimp										✓			✓	✓	✓	✓	✓	✓	✓	✓	✓
	cage clamp														✓							
Suitable contacts:	H-BE 2.5, machined													✓								
	H-D 1.6, machined														✓		✓	✓		✓		✓
	H-D 1.6, stamped															✓				✓		✓
Cross-section [mm²]		0.5 -2.5	0.5 -2.5	0.5 -2.5	0.5 -2.5	0.5 -2.5	0.5 -2.5	0.5 -1.5	max. 1.5	0.5 -1.5	max. 1.5	0.5 -1.5	max. 1.5	0.5 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5
IEC: rated voltage [V]	400	✓	✓																			
	250			✓	✓	✓	✓												✓	✓	✓	✓
	24 AC/60 DC							✓	✓	✓	✓	✓	✓									
	230/400													✓								
	24 AC/60 DC/250														✓	✓	✓					
500																						
IEC: rated current [A]		23	23	16	16	16	16	10	10	10	10	10	10	16	10	10	10	10	10	10	10	10
UL: rated voltage [V]		600	600	600	600	600	600	48	48	48	48	48	48	600	250	250	250	250	250	250	250	250
UL: rated current [A]		10	10	14	14	14	14	10	10	10	10	10	10	16	10	10	10	10	10	10	10	10
CSA: rated voltage [V]		400	400	600	600	600	600	48	48	48	48	48	48	600	-	-	-	-	-	-	-	-
CSA: rated current [A]		10	10	16	16	16	16	10	10	10	10	10	10	16	-	-	-	-	-	-	-	-
Suitable housing		H-A 3	H-A 3	H-A 10	H-A 16	H-A 32	H-A 48	H-A 3	H-A 3	H-A 10	H-A 10	H-A 16	H-A 16	H-A 3	H-A 3	H-A 3	H-A 3	H-A 10	H-A 10	H-A 16	H-A 16	H-B 16

Usage criteria		EPIC® rectangular connectors/inserts																				
		EPIC® H-D 40	EPIC® H-D 64	EPIC® H-D 64	EPIC® H-DD 24	EPIC® H-DD 42	EPIC® H-DD 72	EPIC® H-DD 108	EPIC® H-DD 144	EPIC® H-DD 216	EPIC® H-BE 6	EPIC® H-BE 6	EPIC® H-BE 6	EPIC® H-BE 10	EPIC® H-BE 10	EPIC® H-BE 10	EPIC® H-BE 16	EPIC® H-BE 16	EPIC® H-BE 16	EPIC® H-BE 24	EPIC® H-BE 24	EPIC® H-BE 24
Parameter																						
Number of contacts		40 + PE	64 + PE	64 + PE	24 + PE	42 + PE	72 + PE	108 + PE	144 + PE	216 + PE	6 + PE	6 + PE	6 + PE	10 + PE	10 + PE	10 + PE	16 + PE	16 + PE	16 + PE	24 + PE	24 + PE	24 + PE
Connection system:	screw										✓			✓			✓				✓	
	solder																					
	crimp	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓			✓			✓			✓	
	cage clamp												✓			✓				✓		
Suitable contacts:	H-BE 2.5, machined													✓					✓		✓	
	H-D 1.6, machined		✓		✓	✓	✓	✓	✓	✓												
	H-D 1.6, stamped	✓		✓																		
Cross-section [mm²]		0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.14 -2.5	0.5 -2.5	0.5 -4.0	0.5 -2.5	0.5 -2.5	0.5 -4.0	0.5 -2.5	0.5 -2.5	0.5 -4.0	0.5 -2.5	0.5 -2.5	0.5 -4.0	0.5 -2.5
IEC: rated voltage [V]	400																					
	250	✓	✓	✓	✓	✓	✓	✓	✓	✓												
	24 AC/60 DC																					
	230/400																					
	24 AC/60 DC/250											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
500																						
IEC: rated current [A]		10	10	10	10	10	10	10	10	10	16	16	16	16	16	16	16	16	16	16	16	16
UL: rated voltage [V]		250	250	250	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
UL: rated current [A]		10	10	10	8.5	8.5	8.5	8.5	8.5	8.5	16	16	16	16	16	16	16	16	16	16	16	16
CSA: rated voltage [V]		-	-	-	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
CSA: rated current [A]		-	-	-	10	10	10	10	10	10	16	16	16	16	16	16	16	16	16	16	16	16
Suitable housing		H-B 16	H-B 24	H-B 24	H-B 6	H-B 10	H-B 16	H-B 24	H-B 32	H-B 48	H-B 6	H-B 6	H-B 6	H-B 10	H-B 10	H-B 10	H-B 16	H-B 16	H-B 16	H-B 24	H-B 24	H-B 24

Technical data for EPIC® rectangular connectors

Usage criteria		EPIC® rectangular connectors/inserts																					
		EPIC® H-BE 32	EPIC® H-BE 32	EPIC® H-BE 32	EPIC® H-BE 48	EPIC® H-BE 48	EPIC® H-BE 48	EPIC® H-EE 10	EPIC® H-EE 18	EPIC® H-EE 32	EPIC® H-EE 46	EPIC® H-EE 64	EPIC® H-EE 92	EPIC® H-BS 6	EPIC® H-BS 12	EPIC® H-BVE 3	EPIC® H-BVE 6	EPIC® H-BVE 10	EPIC® Terminal adapter TB-H-BE 6	EPIC® Terminal adapter TB-H-BE 10	EPIC® Terminal adapter TB-H-BE 16	EPIC® Terminal adapter TB-H-BE 24	
		32 + PE	32 + PE	32 + PE	48 + PE	48 + PE	48 + PE	10 + PE	18 + PE	32 + PE	46 + PE	64 + PE	92 + PE	6 + PE	12 + PE	3+2 + PE	6+2 + PE	10+2 + PE	6 + PE	10 + PE	16 + PE	24 + PE	
Parameter																							
Number of contacts		✓			✓											✓	✓	✓	✓	✓	✓	✓	✓
Connection system:	screw	✓			✓											✓	✓	✓	✓	✓	✓	✓	✓
	solder																						
	crimp		✓			✓		✓	✓	✓	✓	✓											
	cage clamp			✓			✓																
Suitable contacts:	H-BE 2.5, machined		✓			✓		✓	✓	✓	✓	✓											
Cross-section [mm²]		0.5 -2.5	0.5 -4.0	0.5 -2.5	0.5 -2.5	0.5 -4.0	0.5 -2.5	0.5 -4.0	0.5 -4.0	0.5 -4.0	0.5 -4.0	0.5 -4.0	0.5 -4.0	0.5 -6.0	0.5 -6.0	0.5 -2.5	0.5 -2.5	0.5 -2.5	0.5 -4.0	0.5 -4.0	0.5 -4.0	0.5 -4.0	0.5 -4.0
IEC: rated voltage [V]		500	500	500	500	500	500	500	500	500	500	500	500	500	500	630	630	630	500	500	500	500	500
IEC: rated current [A]		16	16	16	16	16	16	16	16	16	16	16	16	35	35	16	16	16	16	16	16	16	16
UL: rated voltage [V]		600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
UL: rated current [A]		16	16	16	16	16	16	16	16	16	16	16	16	35	35	16	16	16	16	16	16	16	16
CSA: rated voltage [V]		600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600
CSA: rated current [A]		16	16	16	16	16	16	16	16	16	16	16	16	35	35	16	16	16	16	16	16	16	16
Suitable housing:		H-B 32	H-B 32	H-B 32	H-B 48	H-B 48	H-B 48	H-B 6	H-B 10	H-B 16	H-B 24	H-B 32	H-B 48	H-B 16	H-B 32	H-B 10	H-B 16	H-B 24	H-B 6	H-B 10	H-B 16	H-B 24	

Usage criteria		EPIC® rectangular connectors/inserts																						
		EPIC® MC module HC1 + PE	EPIC® HE 4-pin module	EPIC® MC module HC3	EPIC® MC module HC4 + PE	EPIC® MC module HC2	EPIC® 3-pin module	EPIC® 4-pin module, cage clamp	EPIC® 5-pin module	EPIC® 10-pin module, machined	EPIC® 10-pin module, stamped	EPIC® 20-pin module	EPIC® 3-pin module coaxial	EPIC® Profibus DP module	EPIC® Universal Bus module	EPIC® RJ45 module	EPIC® MCR 6 module frame	EPIC® MCR 10 module frame	EPIC® MCR 16 module frame	EPIC® MCR 24 module frame				
		1 + PE	4	3	4 + PE	2	3	4	5	10	10	20	3	2 + screen	4 + screen	8+4	-	-	-	-				
Parameter																								
Number of contacts		✓			✓								✓	✓	✓									
Connection system:	screw	✓			✓								✓	✓	✓									
	solder																							
	crimp		✓	✓	✓		✓	✓	✓	✓	✓					✓								
	cage clamp						✓																	
Suitable contacts:	MC 3.6, machined			✓		✓																		
	MC 2.5, stamped				✓																			
	H-BE 2.5, machined		✓																					
	MC 2.5, machined							✓																
	H-D 1.6, machined								✓							✓								
	H-D 1.6, stamped										✓													
	MD 1.0, stamped											✓												
	MC coaxial												✓											
for 2 modules																	✓							
for 3 modules																			✓					
for 5 modules																					✓			
for 7 modules																						✓		
Cross-section [mm²]		10.0 -25.0	0.5 -4.0	1.5 -10.0	0.5 -2.5	10.0 -25.0	1.5 -10.0	0.5 -2.5	0.5 -4.0	0.14 -2.5	0.14 -2.5	0.08 -0.52	-	max. 1.5	max. 1.5	Cat.5 0.14 -2.5	-	-	-	-	-	-		
IEC: rated voltage [V]		1000	630	1000	1000	1000	630	400	400	250	250	100	250	30	30	125/600	-	-	-	-	-	-		
IEC: rated current [A]		82	25	50	16	82	40	14	20	10	10	4	-	1	1	1.5/10	-	-	-	-	-	-		
UL: rated voltage [V]		600	-	-	-	600	600	600	400	250	-	100	-	-	-	-	-	-	-	-	-	-		
UL: rated current [A]		82	-	-	-	82	40	14	20	10	-	4	-	-	-	-	-	-	-	-	-	-		
CSA: rated voltage [V]		-	-	-	-	-	600	600	400	240	-	100	-	-	-	-	-	-	-	-	-	-		
CSA: rated current [A]		-	-	-	-	-	35	14	16	10	-	4	-	-	-	-	-	-	-	-	-	-		
Suitable housing:		**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	H-B 6	H-B 10	H-B 16	H-B 24			

**Module frame