

Rectangular Connectors

EPIC RECTANGULAR INDUSTRIAL CONNECTORS TECHNICAL DATA OVERVIEW

Series	# of Contacts	Rated Voltage	Rated Current	Termination	Page
EPIC HA Compact type	3 - 64	VDE: 400V UL: 600V CSA: 600V SEV: 250V	VDE: 10/16A UL: 10/14A CSA: 10/16/20A SEV: 10A	Screw	27
EPIC STA Low voltage	6 - 40	VDE: 60V UL: 48V CSA: 48V	VDE: 10A UL: 10A CSA: 10A	Screw & Solder	51
EPIC HBE Standard inserts	6 - 48	VDE: 500V UL: 600V CSA: 600V SEV: 400V	VDE: 16A UL: 16A CSA: 10A SEV: 16A	Screw & Crimp	65
		VDE: 500V UL: 600V CSA: 600V SEV: 500V	VDE: 16A UL: 16A CSA: 10A SEV: 16A	Cage Clamp	
		VDE: 380V UL: 600V CSA: 600V SEV: 380V	VDE: 16A UL: 10/16A CSA: 10/16A SEV: 16A	Terminal Block	
EPIC HBS High current inserts	6 - 12	VDE: 400V UL: 600V CSA: 600V SEV: 660V	VDE: 35A UL: 35A CSA: 35A SEV: 35A	Screw	115
EPIC HBVE High voltage inserts	3 - 10	VDE: 630V UL: 600V CSA: 600V SEV: 630V	VDE: 16A UL: 16A CSA: 16A SEV: 16A	Screw	131
EPIC HD Large number of contacts	7 - 128	VDE: 250V UL: 600V CSA: SEV: 250V	VDE: 10A UL: 10A CSA: SEV: 10A	Crimp	161
		VDE: 250V UL: 600V CSA: 600V SEV: 250V	VDE: 10A UL: 7A CSA: 10A SEV: 10A	Terminal Block	
EPIC HDD Larger number of contacts	24 - 216	VDE: 250V UL: 600V CSA: 600V SEV: 250V	VDE: 10A UL: 8.5A CSA: 20A SEV: 10A	Crimp	219
EPIC MC Modular System	3 - 280	VDE: 100-1000V UL: 63-630V CSA: 60-630V SEV: 63-630V	VDE: 5-50A UL: 10-40A CSA: 5-40A SEV: 5-40A	Crimp	261
Mixed Power Power & Signal	4 Pwr/ 0 Signal 4 Pwr/ 2 Signal 4 Pwr/ 8 Signal	VDE: 400-690V UL: 380-600V CSA: 380-600V SEV: 400-690V	VDE: 16-80A UL: 16-80A CSA: 16-80A SEV: 16-80A	Screw	317

www.contactelectronics.com
800-221-1451

Rectangular Connectors

EPIC RECTANGULAR INDUSTRIAL CONNECTORS TECHNICAL DATA OVERVIEW

Series	VDE 0110		UL		CSA		SEV	
	Voltage V (AC)	Current A	Voltage V (AC)	Current A	Voltage V (AC)	Current A	Voltage V (AC)	Current A
EPIC HA 3/4 10-64	250 250	10 16	600 600	10 16	600 600	10-16 20	250 250	10 10
EPIC STA 6-40	60	10	48	10	48	10		
EPIC HBE 6-48: Screw & Crimp 6-48: Cage Clamp 6-48: Terminal Block	400 500 380	16 16 16	600 600 600	16 16 16	600 600 600	16 16 16	400 500 380	16 16 16
EPIC HBS 6-12	400	35	600	35	600	35	400	35
EPIC HBVE 3-10	630	16	600	16	600	16	630	16
EPIC: HD 7/8: Crimp 15-128: Crimp 16-64: Terminal Block	42/250 250 250	10 10 10	250 250 600	10 10 7		10	250 250 250	10 10 10
EPIC HDD: 24-216: Crimp	250	10	600	8.5	600	20	250	10
EPIC MC: 3 pin module 5 pin module 10 pin module 20 pin module HE module Coaxial module High voltage module High voltage module Cage Clamp module Blank module	630 400 250 100 630 250 1000 1000 400	40 20 10 4 25 16 50 14	600 400 250 100	40 20 10 4	600 400 240 100	35 16 10 4	630 400 250 100 400	40 20 10 4 14
Mixed Power: 4 Power/ 0 Signal 4 Power/ 2 Signal 4 Power/ 8 Signal	400-600	16-80	380-600	16-80	380-600	16-80	400-690	16-80

www.contactelectronics.com
800-221-1451

Rectangular Connectors

EPIC RECTANGULAR INDUSTRIAL CONNECTORS TECHNICAL DATA OVERVIEW

HOUSINGS	INSERTS								
	HA	STA	HBE	HBS	HBVE	HD	HDD	MC	Mixed Pwr
HBE 6			HBE 6			TB-HD 16	HDD 24	2 Modules	
HBE 10			HBE 10		HBVE 3	TB-HD 24	HDD 42	3 Modules	
HBE 16			HBE 16	HBS 6	HBVE 6	HD 40 TB-HD 40	HDD 72	5 Modules	4 Pwr/ 0 Sgl 4 Pwr/ 2 Sgl
HBE 24			HBE 24		HBVE 10	HD 64 TB-HD 64	HDD 108	7 Modules	4 Pwr/8 Sgl
HBE 32			HBE 32	HBS 12		HD 80 (2X) TB-HD40	HDD 144	10 Modules	
HBE 48	HA 64		HBE 48			HD 128 (2X) TB-HD 64	HDD 216	14 Modules	
HA 3/4	HA 3/4	STA 6				HD 7/8			
HA 10	HA 10	STA 14				HD 15			
HA 16	HA 16	STA 20				HD 25			
HA 32	HA 32	2X STA 20				HD 50			
HA 48	HA 48								

APPROVALS

EPIC rectangular connectors shall comply with all applicable requirements of Underwriters Laboratory (UL) Standards 1977 and 498, VDE Standard 0110 for creepage and clearance distances and VDE Standard 0627 for the connector design. The HD and HDD series is developed according to DIN Standard 43652.

The recognized UL file number and Canadian Standards Associations (CSA) for EPIC Contact connectors are:
UL recognized file #E75770
CSA certified file #LR53004-1

EPIC Contact connectors meet NEMA 4, 4X and NEMA 12 standards only when in the mated condition.

www.contactelectronics.com
800-221-1451