



**PRATLEY**®

www.pratleyelectrical.com

# FITTING INSTRUCTIONS FOR Ex e KWIK-BLOK® TERMINALS

**POLICY STATEMENT**  
 "The performance of our products must exceed all others on the World Market"  
 K.G.M. Pringley CEO

## 1 TERMINAL SELECTION

PRODUCT CODE	Ex e TERMINALS	RATED AREA mm <sup>2</sup>	VOLTS	AMPS	ACCESSORIES
30201	HK3	2,5 mm <sup>2</sup>	550V	15A	
30261	IFK2,5	2,5 mm <sup>2</sup>	550V	15A	
30326	IK3	2,5 mm <sup>2</sup>	550V	15A	IW 2/IW4 KAW 2 VB 2-2 VL 2-2 SK 35
30327	IK5	4 mm <sup>2</sup>	550V	21A	IW 4/IW 16 KAW 4 VB 4-2 VL 4-2 VSK 4 SK 35
30328	IK10	10 mm <sup>2</sup>	550V	37A	IW 16/IW 50 KAW 10 VB 6-2 VL 6-2 SK 35
30329	IK16	16 mm <sup>2</sup>	550V	47A	IW 16/IW 50 KAW 16 VB 16-2 VL 16-2 VSK 16 SK 35
30330	IK25	25 mm <sup>2</sup>	550V	63A	IW 50/IW70 KAW 25 VB 25 VL 25 SK 35
30331	IK51	50 mm <sup>2</sup>	550V	98A	IW 50/IW70 KAW 35 VB 35 VL 35 SK 35
30332	IK70	70 mm <sup>2</sup>	550V	121A	IW 70 VB 70 VL 70

PRODUCT CODE	Ex e IKE EARTH TERMINALS	RATED AREA mm <sup>2</sup>
30230	IFK2,5E	2,5 mm <sup>2</sup>
30223	IKE4	4 mm <sup>2</sup>
30248	IKE10	10 mm <sup>2</sup>
30224	IKE16	16 mm <sup>2</sup>
30225	IKE50	50 mm <sup>2</sup>

**\*NOTE:** Installation torque can be reference from torque chart for associated conductor size.

## 2 INSTALLATION

Click Tab  
 Screws  
 IK 5 Terminal on a N35 Terminal Rail  
 Mini IK's (HK3) clip on the inside of Terminal Rail  
 Kwik-Bloks clip on the outside of Terminal rail  
 Cranked Terminal Rail  
 MAX LENGTH STRIPPING  
 Wire stripping to be done only by means of a purpose made stripping tool.

PRODUCT CODE	TERMINAL	TORQUE	STRIPPING LENGTH
30201	HK3	0,5 Nm	8,0
30326	IK3	0,5 Nm	8,0
30327	IK5	0,8 Nm	10,0
30328	IK10	0,8 Nm	12,0
30329	IK16	1,2 Nm	12,0
30330	IK25	2,5 Nm	16,0
30331	IK51	4,0 Nm	16,0
30332	IK70	10,0 Nm	18,0
30052	END CLAMP	0,8 Nm	N/A

## 3 SPECIAL Ex e FITMENT PRECAUTIONS

**a)** Use an Insulation Partition to separate terminals at different electrical potentials (one size larger than terminal).

**b)** Terminal array shall be installed with an Insulating Partition adjacent to the last terminal, with End Clamps on either side.

**c)** All multi-stranded conductors shall be terminated in the terminal block via a Boot-lace ferrule.

## 4 CERTIFICATION

IA N° : S-XPL/16.1087U  
 Ex e IIC Gb  
 Ex nA IIC Gc  
 -20°C → 40°C AMB  
 SERVICE TEMP +85°C (MAX)

Pratley (Pty) Ltd. P O Box 3055  
 KENMARE 1745Gauteng • South Africa.  
 Tel: +27 11 955-2190 • Fax: +27 11 955-3918  
 email: sales@pratley.co.za

**\*NOTE:** Earth Terminal (IKE's) can be used in place of one End Clamp.