
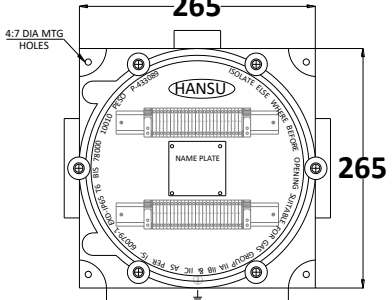

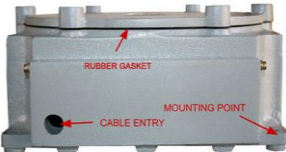



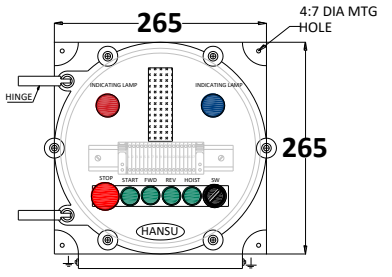


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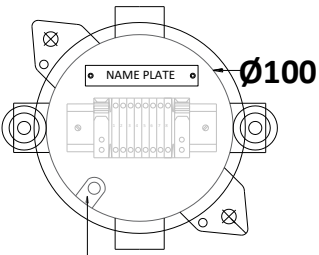




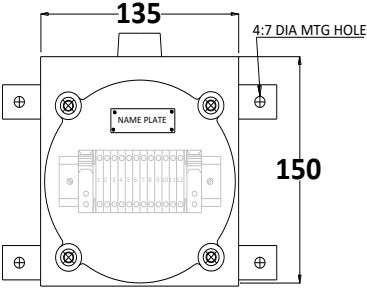

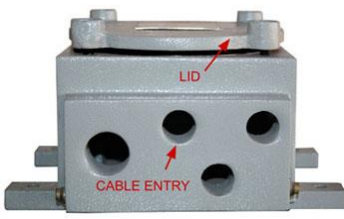
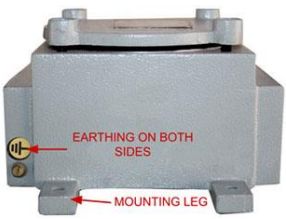
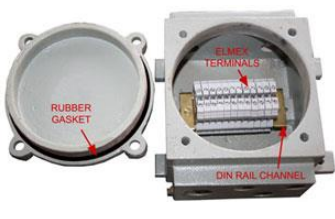
SPECIFICATION AND QUOTATION FOR FLAMEPROOF/WEATHERPROOF J. BOXES

CAST ALUMINIUM LM6 J. BOXES DUST, VERMIN AND FLAMEPROOF /WEATHERPROOF SUITABLE FOR WALL/STRUCTURE MOUNTING. ALL THE ENCLOSURES ARE CAST OUT OF SUPERIOR QUALITY ALUMINIUM ALLOY LM-6. ALL THE SURFACES ARE CAREFULLY CLEANED AND LEVELLED SO AS TO GIVE VERY SMOOTH SURFACE. ALL THE ENCLOSURES ARE CHROMATISED AND FINALLY EPOXY POWDER COATED BY STATIC CHARGE SPRAY METHOD WITH 60 MICRON THICKNESS BY LIGHT GREY SHADE 631 AS PER IS5. POWDER COATING GIVES VERY TOUGH DURABLE AND EXTREMELY SMOOTH SURFACE. ALL THE MATING SURFACES ARE PROVIDED WITH ROUND NEOPRENE RUBBER GASKET IN THE GROOVE SO AS TO MAKE IT EFFECTIVELY DUST AND VERMIN PROOF. PRODUCTS ARE TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHERPROOF TEST AS PER IS/IEC 60079-2007 FOR GAS GROUP IIA AND IIB EXD-T6 FOR ZONE 1 AND ZONE 2 AND WEATHERPROOF AS PER IS/IEC 60529-2001 FOR IP65 CLASS OF PROTECTION. OUR JUNCTION BOXES ARE SUITABLE FOR OUTDOOR INSTALLATION WITHOUT ANY CANOPY. **MOUNTING:** EXTERNAL LUGS ARE PROVIDED FOR FIXING. THE LUGS OFFSET IN SUCH A WAY THAT THE REAR PART OF THE UNIT STAYS AWAY FROM THE SURFACE BY AT LEAST 3MM.


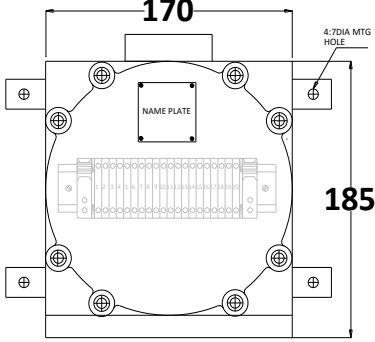

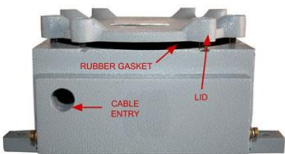
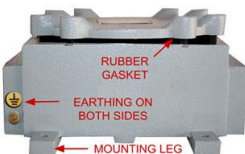


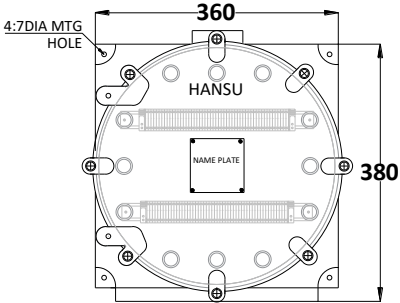


SPECIFIC REQUIREMENTS OF FLP/WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION	
<p>HA51</p>  <p>CML NO-7800010010</p>	 <p>INSIDE CLEAR-250X250MM DEPTH 110MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA AND IIB EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAXIMUM 50 NOS.2.5SQMM CONNECTWELL TERMINALS IN TWO ROWS. MAXIMUM 10:3/4" ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. MAXIMUM 2:1" ET CABLE ENTRIES CAN BE PROVIDED ON LEFT HAND SIDE & RIGHT-HAND SIDE. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING, IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5. THICKNESS OF ENCLOSURE 5-10MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6 MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HA51 HSN CODE: 85.37.10.00 CERTIFICATE NO CIMFR/TC/P/H1186 DT 14.11.2014 Weight 8.1Kg. App. BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P-402793</p>	
<p>FRONT VIEW</p> 	<p>BOTTOM VIEW</p> 	<p>SIDE VIEW</p> 	<p>OPEN VIEW</p> 
<p>HU53 PANEL</p>  <p>CML NO-7800010010</p>	 <p>INSIDE CLEAR-250X250MM DEPTH 110MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP PANEL BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAXIMUM 50 NOS.2.5SQMM CONNECTWELL TERMINALS IN TWO ROWS. MAXIMUM 10:3/4" ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. MAXIMUM 2:1" ET CABLE ENTRIES CAN BE PROVIDED ON LEFT HAND SIDE & RIGHT-HAND SIDE. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING, IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5. THICKNESS OF ENCLOSURE 5-10MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6 MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HU53 HSN CODE: 85.37.10.00 CIMFR CER.NO -IN/CIMFR/TR20/H241 DT.14.01.2020, Wt. App. 8.8Kg. BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P-402793</p>	


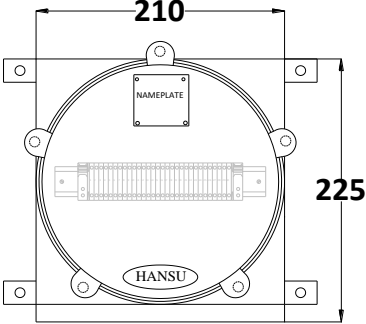




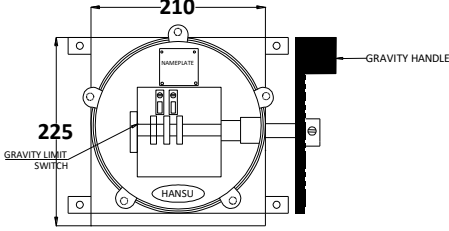

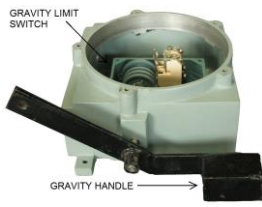
SPECIFIC REQUIREMENTS OF FLP/WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION	
<p>HA52</p> 	 <p>INTERNAL EARTHING</p> <p>INSIDE CLEAR 100MM DEPTH-75MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPECIFICATION</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAXIMUM 8 NOS.2.5SQMM CONNECTWELL TERMINALS. 1:3/4"ET CABLE ENTRIES CAN BE PROVIDED ON EACH SIDE.EXTERNAL MOUNTING LEGS FOR WALL/ STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5. THICKNESS OF ENCLOSURE 4-6MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 8MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. HSN CODE: 85.37.10.00 TYPE: HA52 BIS LICENCE NO-CML NO 7800010010 CERTIFICATE NO CIMFR/TC/P/H739 DT 24.3.2015, PESO CERTIFICATE: P433089/2, WT.0.8KG.APP.</p>	
<p>FRONT VIEW</p> 	<p>SIDE VIEW</p> 	<p>OPEN VIEW (30A 4 Way Terminal)</p> 	
<p>HA53</p> 	 <p>INSIDE CLEAR 120X120MM DEPTH 75MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAXIMUM 12NOS. 2.5SQMM CONNECTWELL TERMINALS. MAX- 6:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT BOTTOM.EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP66 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5. THICKNESS OF ENCLOSURE 5-6MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS.COVER FIXING BY SS ALLEN BOLT 6MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HA53 HSN CODE: 85.37.10.00 CERTIFICATE NO CIMFR/TC/P/H771 DT 31.3.2015, PESO CERTIFICATE: P433089/10, WT.2.2KG.APP, BIS LICENCE NO-CML NO 7800010010</p>	
<p>FRONT VIEW</p> 	<p>BOTTOM VIEW</p> 	<p>SIDE VIEW</p> 	<p>OPEN VIEW</p> 


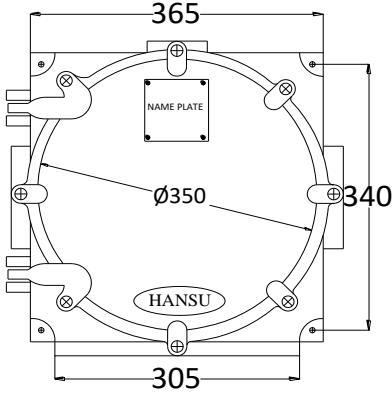

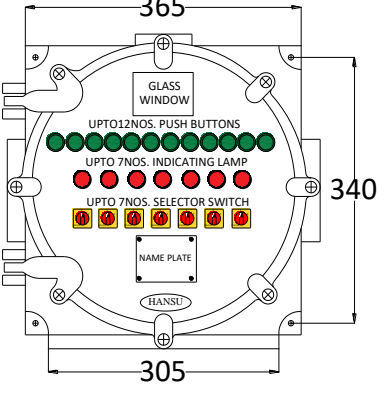

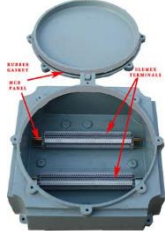

SPECIFIC REQUIREMENTS OF FLP\WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION	
<p>HA54</p> 	 <p>INSIDE CLEAR 160X160 MM DEPTH -90MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAXIMUM 20 NOS.2.5SQMM CONNECTWELL TERMINALS. MAX-8:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP66 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-6MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HA54 HSN CODE: 85.37.10.00 CIMFR CERTIFICATE NO: CIMFR/TC/P/H13 DT 09.04.2015 PESO CERTIFICATE: P433089/14, Wt. App. 3.2Kg. BIS LICENCE NO-CML NO 7800010010</p>	
<p>FRONT VIEW</p> 	<p>BOTTOM VIEW</p> 	<p>SIDE VIEW</p> 	<p>OPEN VIEW</p> 
<p>HA55</p> 	 <p>INSIDE CLEAR 350X350MM DEPTH-150MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPECIFICATION</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB AND IIC EXD-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAXIMUM 105NOS:2.5SQMM CONNECTWELL TERMINALS IN TWO OR THREE ROWS. MAXIMUM 24:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001, EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-10MM,3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE,2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS, COVER FIXING BY SS ALLEN BOLT 8 MM, TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE.TYPE: HA55 CERTIFICATE NO CIMFR/TC/P/H278 DT 18.11.2015 PESO CERTIFICATE: P433089/1, Weight App. 13.6Kg. BIS LICENCE NO-CML NO 7800010010, HSN CODE: 85.37.10.00</p>	
<p>FRONT VIEW</p> 			


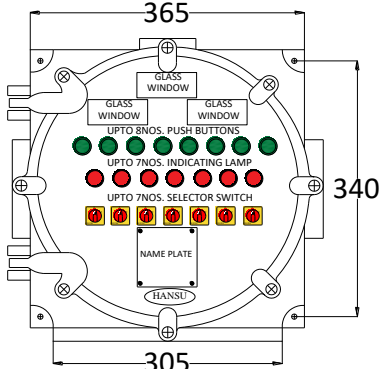




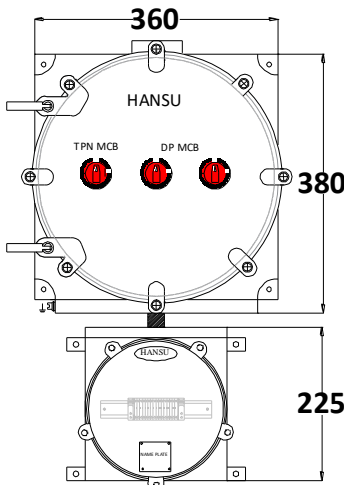
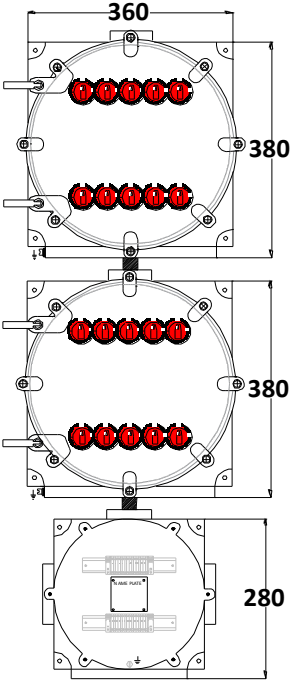
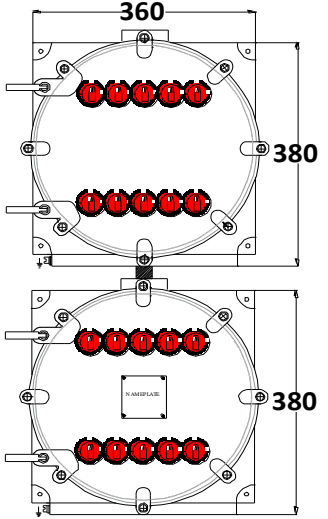
SPECIFIC REQUIREMENTS OF FLP\WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION
<p>HA56</p>  <p>CML NO-7800010010</p>	 <p>INSIDE CLEAR-200X200MM DEPTH -100MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAXIMUM 30NOS. 2.5SQMM CONNECTWEL TERMINALS. MAX-9:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-6MM, 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE, 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HA56, WEIGHT 5.7KG.APP,</p> <p>BIS LICENCE NO-CML NO 7800010010,</p> <p>CIMFR CERTIFICATE NO. CIMFR/TC/P/H463 DT.8.3.16</p> <p>PESO CERTIFICATE: P433089/5, HSN CODE: 85.37.10.00</p>
<p>FRONT VIEW</p> 	<p>TOP VIEW</p> 	<p>SIDE VIEW</p> 
<p>HA56L</p>  <p>CML NO-7800010010</p>	 <p>INSIDE CLEAR-200X200MM DEPTH -100MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH 1 SET OF GRAVITY LIMIT SWITCH WITH HANDLE. MAX-9:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-6MM, 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE, 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6MM TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HA56L</p> <p>BIS LICENCE NO-CML NO 7800010010, WEIGHT 5.4 KG.APP,</p> <p>CIMFR CERTIFICATE NO. CIMFR/TC/P/H463 DT.8.3.16,</p> <p>PESO CERTIFICATE: P433089/5, HSN CODE: 85.37.10.00</p>
<p>OPEN VIEW</p> 	<p>SIDE VIEW</p> 	

SPECIFIC REQUIREMENTS OF FLP\WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION
<p>HA57</p> 	 <p>150MM DEPTH -CLEAR 350X350MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPECIFICATION</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP BUS BAR ENCLOSURE TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-1-2007 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB & IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH 4NOS. COPPER OR ALUMINIUM BUS BAR. MAXIMUM 24:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001, EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-10MM,3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE,2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS.COVER FIXING BY SS ALLEN BOLT 8 MM.</p> <p>TYPE: HA57 - CERTIFICATE NO CIMFR\TC\P\H278 DT 18.11.2015, PESO CERTIFICATE: P-402793, WEIGHT 13KG.APP, BIS LICENCE NO-CML NO 7800010010, HSN CODE: 85.37.10.00</p>
<p>HA58</p> 	 <p>150MM DEPTH -CLEAR 350X350MM</p> <p>NOTE: IMAGES, DRAWING AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPECIFICATION</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP INSTRUMENT ENCLOSURE TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-1-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAX. 12NOS. PUSH PUTTON, 7NOS.INDICATING LAMPS, & 7NOS. SELECTOR SWITCH. MAXIMUM 24:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001, EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-10MM,3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE,2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS.COVER FIXING BY SS ALLEN BOLT 8 MM.</p> <p>TYPE: HA58 CERTIFICATE NO CIMFR\TC\P\H278 DT 18.11.2015., PESO CERTIFICATE: P-402793, Weight 13Kg. App, BIS LICENCE NO-CML NO 7800010010. HSN CODE: 85.37.10.00.</p>
<p>FRONT VIEW</p> 		

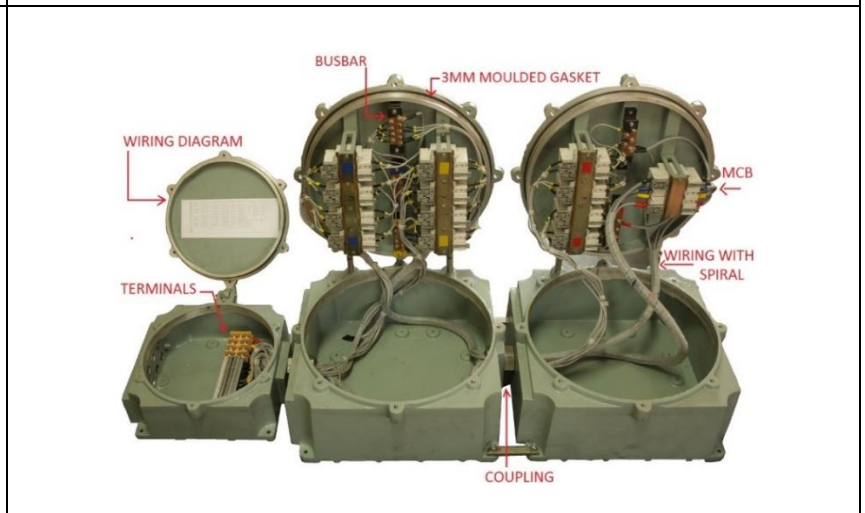
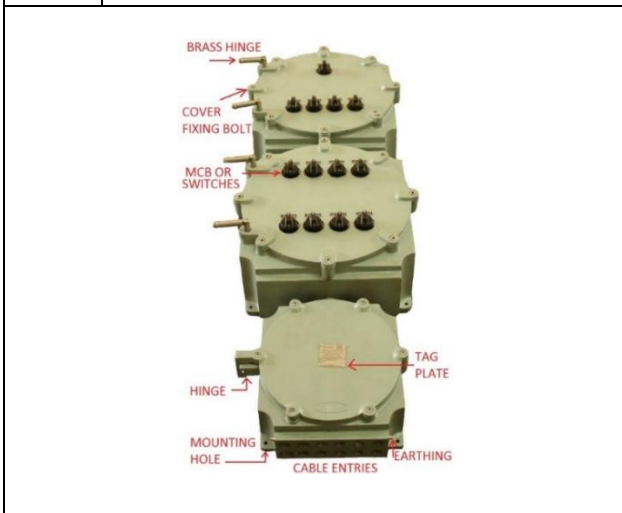
SPECIFIC REQUIREMENTS OF FLP\WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION	
<p>HA59</p> 	 <p>150MM DEPTH -CLEAR 350X350MM</p> <p>IMAGES, DRG AND WIRING DIA ARE TYPICAL. ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP PANEL ENCLOSURE TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-1-2007 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAX. 8NOS. PUSH PUTTON, 7NOS.INDICATING LAMPS, & 7NOS. SELECTOR SWITCH. MAXIMUM 24:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001, EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-10MM,3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE,2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS.COVER FIXING BY SS ALLEN BOLT 8 MM. TYPE: HA59 HSN CODE: 85.37.10.00.</p> <p>BIS LICENCE NO-CML NO 7800010010, CERTIFICATE NO: CIMFR\TC\P\H278 DT 18.11.2015, PESO CERTIFICATE: P-402793, Weight 13Kg.App.</p>	
<p>FRONT VIEW</p> 			
<p>HA60</p> 	<p>TYPICAL PANEL-1</p>  <p>HSN CODE: 85.37.10.00. INSIDE CLEAR 350X350MM DEPTH -150MM</p> <p>IMG, DRW AND WIRING DIAGRAM ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPECIFICATION</p>	<p>TYPICAL PANEL-2</p> 	<p>TYPICAL PANEL-3</p> 
<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP PANEL ENCLOSURE TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-1-2007 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MCB AS PER REQUIREMENT. MAXIMUM 24:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001, EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-10MM,3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE,2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS.COVER FIXING BY SS ALLEN BOLT 8 MM TYPE: HA60 CERTIFICATE NO CIMFR\TC\P\H278 DT 18.11.2015, PESO CERTIFICATE: P433089/1, BIS LICENCE NO-CML NO 780001001.</p>			

SPECIFIC REQUIREMENTS OF FLP/WP JUNCTION BOXES

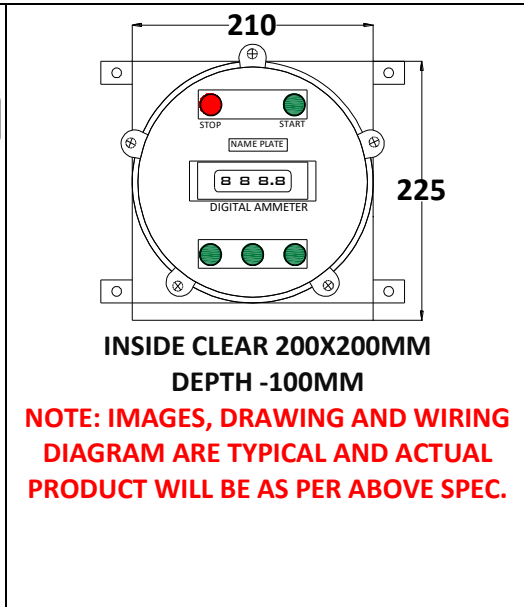
CODE	DRAWING	DESCRIPTION	

CODE	DRAWING	DESCRIPTION
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HA81

CML NO-7800010010

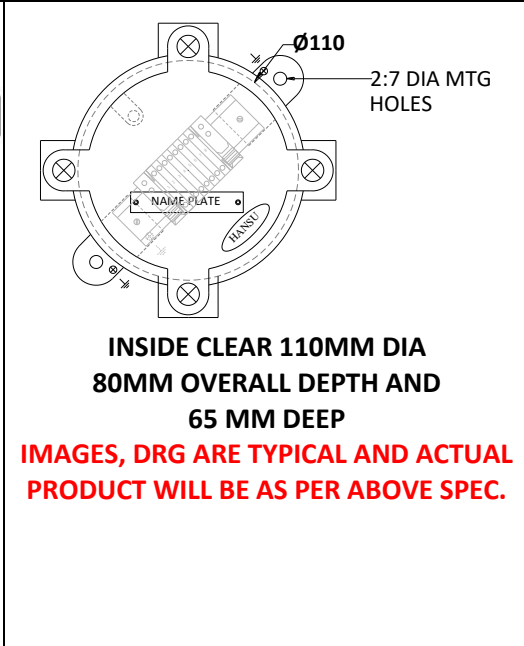


DESIGN MANUFACTURE & SUPPLY OF FLP\WP INSTRUMENT BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB & IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAX. 5NOS. PUSH PUTTON, WITH DIGITAL AMMETER & MAX. 9:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-6MM, 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE, 2NOS EXTERNAL & 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6MM. TYPE: **HA81** **BIS LICENCE NO-CML NO 7800010010, WT. APP.5.9 KG** **CERTIFICATE NO: CIMFR\TC\P\H463 DT 08.03.2016,** **PESO CERTIFICATE: P-402793. HSN CODE: 85.37.10.00**




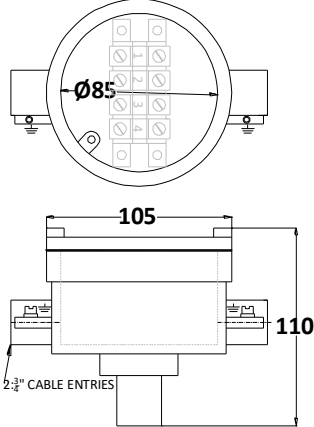

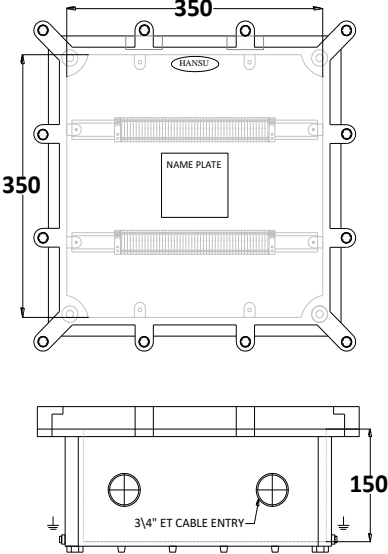


HA82


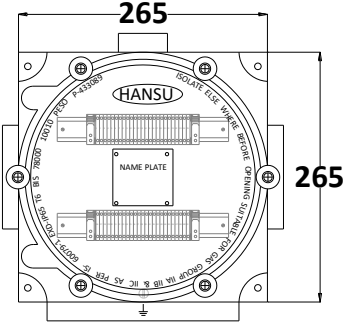





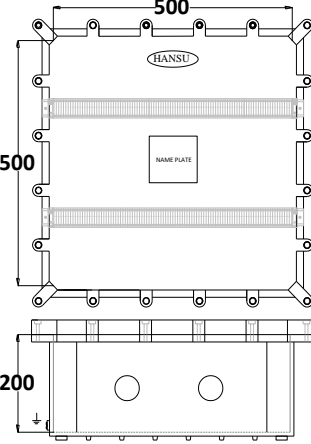


CML NO-7800010010




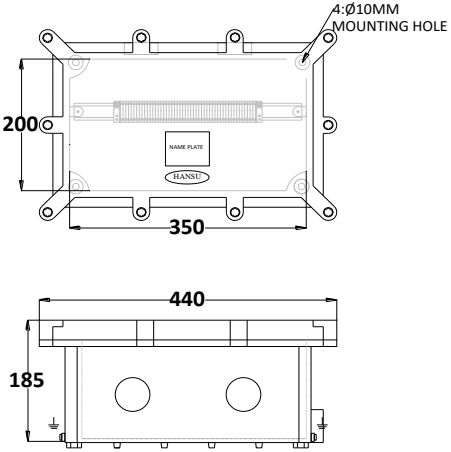

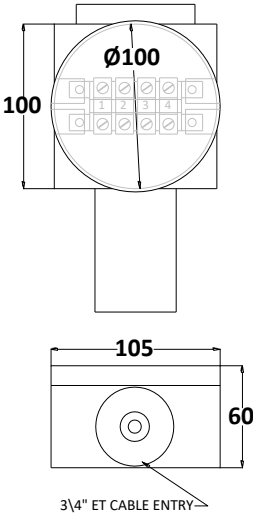

DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2014 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB & IIC EXd-T6 AND ZONE 21 AS PER IS-60079-31-2013-EPL Gb AND Db, IP66 WEATHER PROOF TESTED AS PER IS/IEC 60079-1-2007, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAXIMUM 8NOS:2.5SQMM CONNECTWELL MAKE TERMINALS. 1:3/4"ET OR 1:1"ET CABLE ENTRIES CAN BE PROVIDED ON EACH SIDE. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-6MM, 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE, 2NOS EXTERNAL & 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6MM. TYPE: **HA82** **HSN CODE: 85.37.10.00 WT. APP.1.1 KG** **BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P-402793.** **CIMFR CERTIFICATE NO-IN/CIMFR/TR20/H224 DT.23.12.2019**

CODE	DRAWING	DESCRIPTION
	<p style="text-align: center;">FRONT VIEW</p> 	
<p>HA83</p>  <p>CML NO-7800010010</p>	 <p style="text-align: center;">IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB AND IIC Exd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH 30A 4WAY TERMINALS. 1:3/4"ET CABLE ENTRIES CAN BE PROVIDED ON TWO SIDE. MOUNTING DIRECTLY ON EQUIPMENT. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5. THICKNESS OF ENCLOSURE 4-6MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 8MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. IT IS USED WITH WELGLASS EITHER ON SIDE MOUNTING OT TOP MOUTING HSN CODE: 85.37.10.00 TYPE: HA83 BIS LICENCE NO-CML NO 7800010010 CERTIFICATE NO CIMFR/TC/P/H739 DT 24.3.2015, PESO CERTIFICATE: P- 402793, WT. APP.0.9 KG. HSN CODE: 85.37.10.00</p>
<p>HA84</p>  <p>CML NO-7800010010</p>	 <p style="text-align: center;">IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2014 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB EXd-T6, ZONE 21 AS PER IS/IEC 60079-31-203, EPL Gb AND Db, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH 100NOS 2.5SQMM CONNECTWEL MAKE TERMINALS. 15:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT BOTTOM SIDE. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP55 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5. THICKNESS OF ENCLOSURE 4-6MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 8MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. IT IS USED WITH WELGLASS EITHER ON SIDE MOUNTING OT TOP MOUTING. TYPE: HA84 HSN CODE: 85.37.10.00</p> <p style="text-align: center;">UNDER DEVELOPMENT</p>


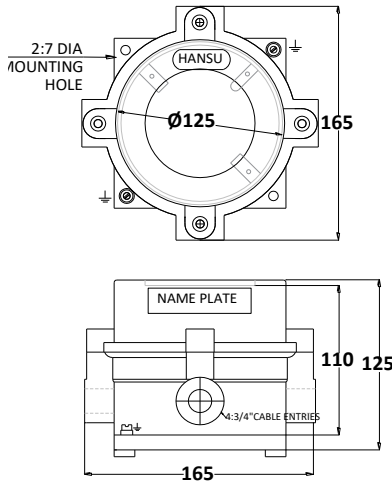



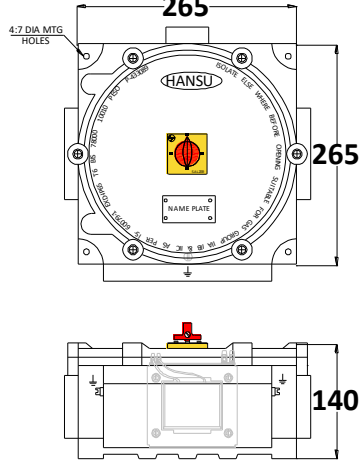



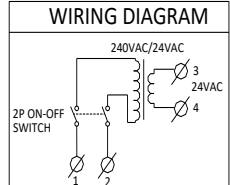
SPECIFIC REQUIREMENTS OF FLP\WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION	
<p>HA85</p> 	 <p>INSIDE CLEAR 250MM DIA IIC DEPTH 110MM</p> <p>IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p> <p>HSN CODE: 85.37.10.00</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2014 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB EXd-T6, ZONE 21 AS PER IS/IEC 60079-31-203, EPL Gb AND Db, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAX. 50NOS.2.5SQMM CONNECTWELL TERMINALS IN TWO ROWS. MAXIMUM 10:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. MAXIMUM 2:1"ET CABLE ENTRIES CAN BE PROVIDED ON LEFT HAND SIDE & RIGHT-HAND SIDE. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING, IP66 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5. THICKNESS OF ENCLOSURE 5-10MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6 MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HA85 WT. APP.8.0 KG</p> <p>PESO CERTIFICATE: P-402793. BIS LICENCE NO-CML NO 7800010010, CIMFR CERTIFICATE NO-IN/CIMFR/TR20/H241 DT.14.01.2020</p>	
<p>FRONT VIEW</p> 	<p>BOTTOM VIEW</p> 	<p>SIDE VIEW</p> 	<p>OPEN VIEW</p> 
<p>HA86</p> 	 <p>HSN CODE: 85.37.10.00</p> <p>IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-1-2014 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB EXd-T6,ZONE 21 AS PER IS/IEC 60079-31-2013,EPL Gb AND Db, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY,, COMPLETE WITH MAXIMUM 200 NOS.2.5SQMM CONNECTWELL TERMINALS IN TWO ROWS. MAXIMUM 48:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL /STRUCTURE MOUNTING, IP55 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5.THICKNESS OF ENCLOSURE 5-10MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 8 MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HA86 WT. APP.33.9 KG</p> <p>BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P- 402793, CIMFR CERTIFICATE NO- IN/CIMFR/TR20/H229 DT.02.01.2020</p>	
<p>FRONT VIEW</p> 		<p>OPEN VIEW</p> 	


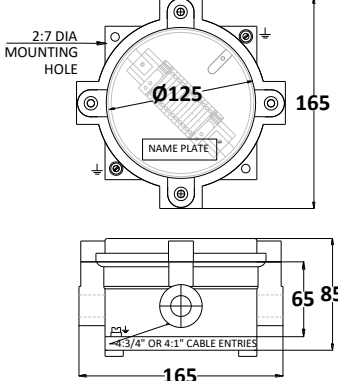



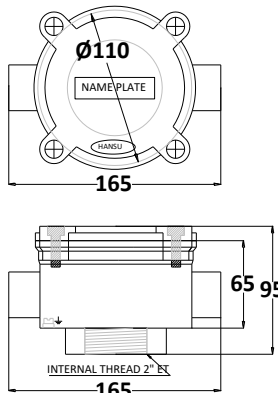


SPECIFIC REQUIREMENTS OF FLP\WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION
<p>HA87</p> 	 <p>IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH 50NOS 2.5SQMM CONNECTWELL MAKE TERMINALS. MAXIMUM 18:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT BOTTOM SIDE. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP55 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5. THICKNESS OF ENCLOSURE 4-6MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 8MM. TERMINALS CLIP ON TYPE CONNECTWELL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HA87 HSN CODE: 85.37.10.00</p> <p>UNDER DEVELOPMENT</p>
<p>HA88</p> 	 <p>HSN CODE: 85.37.10.00</p> <p>IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2007 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB AND IIC EXd-T6 IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH 30A 4WAY TERMINALS. 1:3/4"ET CABLE ENTRIES CAN BE PROVIDED ON TWO SIDE. MOUNTING DIRECTLY ON EQUIPMENT. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5. THICKNESS OF ENCLOSURE 4-6MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 8MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. IT IS USED WITH STREET LIGHT FITTING ON SIDE MOUNTING</p> <p>TYPE: HA83 WT. APP.1.3 KG</p> <p>BIS LICENCE NO-CML NO 7800010010</p> <p>CERTIFICATE NO CIMFR/TC/P/H739 DT 24.3.2015,</p> <p>PESO CERTIFICATE: P-402793. HSN CODE: 85.37.10.00</p>
<p>FRONT-TOP VIEW</p> 		


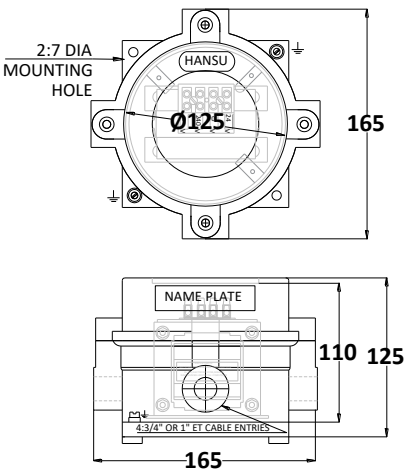

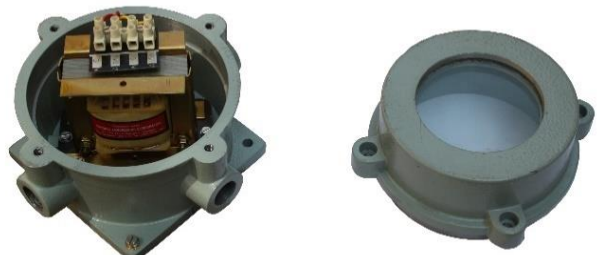

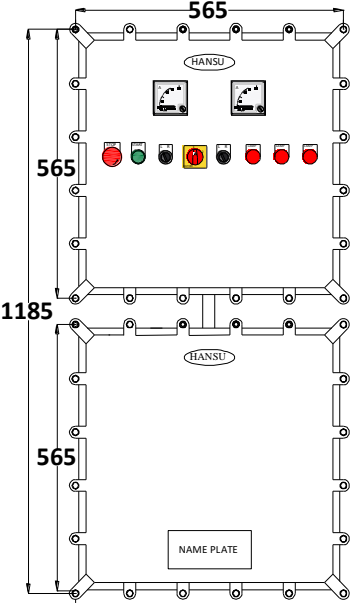
SPECIFIC REQUIREMENTS OF FLP/WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION	
<p>HA89</p> 	 <p>125MM CLEAR DIA 110 MM DEEP GLASS WINDOW IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP HEATER JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2014 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB & IIC Exd-T6 AND ZONE-21 AS PER IS-60079-31-2013, EPL Gb & Db, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, ENCLOSURE WITHOUT CANOPY, SUITABLE FOR DIGITAL OR ANAOGUE INSTRUMENT WITH GLASS WINDOW AT TOP & 1:3/4"ET OR 1:1"ET CABLE ENTRIES CAN BE PROVIDED ON EACH SIDE. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-6MM, 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE, 2NOS EXTERNAL & 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6MM.</p> <p>HSN CODE: 85.37.10.00 TYPE HA89 WT. APP.1.7 KG BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P-402793. CIMFR CERTIFICATE NO-IN/CIMFR/TR19/H223 DT.23.12.2019</p>	
<p>FRONT VIEW</p> 			
<p>HA90</p> 	 <p>INSIDE CLEAR 250MM DIA IIC DEPTH 110MM IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2014 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB Exd-T6, ZONE 21 AS PER IS/IEC 60079-31-203, EPL Gb AND Db, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH UPTO 500VA TRANSFORMER WITH/WITHOUT SWITCH WILL BE PROVIDED. 2:3/4"ET CABLE ENTRIES CAN BE PROVIDED AT BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL / STRUCTURE MOUNTING, IP66 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5.THICKNESS OF ENCLOSURE 5-10MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6 MM. TYPE HA90 WT. APP.14.7 KG</p> <p>HSN CODE: 85.37.10.00 BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P-402793 CIMFR CERTIFICATE NO-IN/CIMFR/TR20/H241 DT.14.01.2020</p>	
<p>FRONT VIEW</p> 	<p>BOTTOM VIEW</p> 	<p>SIDE VIEW</p> 	<p>WIRING DIAGRAM</p> 

SPECIFIC REQUIREMENTS OF FLP\WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION
<p>HA91</p> 	 <p>125MM CLEAR DIA 65 MM CLEAR DEEP</p> <p>IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP HEATER JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2014 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB & IIC EXd-T6 AND ZONE-21 AS PER IS-60079-31-2013, EPL Gb & Db, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAX. 12 NOS. 2.5SQMM CONNECTWEL MAKE TERMINALS. 1:3/4" ET OR 1:1" ET CABLE ENTRIES CAN BE PROVIDED ON EACH SIDE. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-6MM, 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE, 2NOS EXTERNAL & 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6MM.</p> <p>TYPE HA91 WT. APP.1.4 KG HSN CODE: 85.37.10.00 BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P-402793. CIMFR CERTIFICATE NO-IN/CIMFR/TR19/H223 DT.23.12.2019</p>
<p>FRONT VIEW</p> 		
<p>HA92</p> 	 <p>110MM CLEAR DIA 65 MM CLEAR DEEP</p> <p>IMAGES, DRG ARE TYPICAL AND ACTUAL PRODUCT WILL BE AS PER ABOVE SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP HEATER JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2014 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB & IIC EXd-T6 AND ZONE 21 AS PER IS/IEC-60079-31-2013, EPL Gb & Db, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH MAX. 6 NOS. 2.5SQMM CONNECTWEL MAKE TERMINALS. 1:3/4" ET OR 1:1" ET CABLE ENTRIES CAN BE PROVIDED ON TWO SIDE. BACKSIDE ENTRY CAN BE PROVIDED. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP65 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-6MM, 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE, 2NOS EXTERNAL & 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6MM.</p> <p>TYPE HA92 WT. APP. 1.1 KG HSN CODE: 85.37.10.00 BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P-402793. CIMFR CERTIFICATE NO-IN/CIMFR/TR20/H224 DT.23.12.2019</p>
<p>FRONT VIEW</p> 		

SPECIFIC REQUIREMENTS OF FLP/WP JUNCTION BOXES

CODE	DRAWING	DESCRIPTION
<p>HA93</p> 	 <p>125MM CLEAR DIA 110 MM DEEP GLASS WINDOW IMAGES, DRG ARE TYPICAL ACTUAL PRODUCT WILL BE AS PER SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP TRANSFORMER JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-2014 SUITABLE FOR ZONE-1, ZONE-2 & FOR GAS GROUP IIA, IIB & IIC EXd-T6 AND SUITABLE FOR ZONE21 AS PER IS-60079-31 Ext,T6 EPL Gb & Db, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, SUITABLE FOR TRANSFORMER UPTO 50VA & 1:3/4" ET OR 1:1" ET CABLE ENTRIES CAN BE PROVIDED ON EACH SIDE. EXTERNAL MOUNTING LEGS FOR WALL/STRUCTURE MOUNTING. IP66 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5THICKNESS OF ENCLOSURE 5-6MM, 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE, 2NOS EXTERNAL & 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 6MM. TYPE HA93 WT. APP. 2.6 KG HSN CODE: 85.37.10.00 BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P-402793. CIMFR CERTIFICATE NO-IN/CIMFR/TR19/H223 DT.23.12.2019</p>
<p>FRONT VIEW</p> 	<p>OPEN VIEW</p> 	
<p>HA94</p> 	 <p>HSN CODE: 85.37.10.00 IMAGES, DRG ARE TYPICAL ACTUAL PRODUCT WILL BE AS PER SPEC.</p>	<p>DESIGN MANUFACTURE & SUPPLY OF FLP\WP JUNCTION BOX TESTED AT CIMFR-DHANBAD FOR FLAMEPROOF AND WEATHER PROOF TEST AS PER IS/IEC 60079-1-2014 SUITABLE FOR ZONE-1, ZONE-2 AND FOR GAS GROUP IIA, IIB EXd-T6, ZONE 21 AS PER IS/IEC 60079-31-2013, EPL Gb AND Db, IN CAST ALUMINIUM LM-6 ENCLOSURE WITHOUT CANOPY, COMPLETE WITH 1NO. SHROUDED GREEN SPRING RETURN ACTUATOR WITH NO CONTACT FOR START, & 1NO. M.RED STAYPUT ACTUATOR WITH NC CONTACT FOR STOP, 2NOS.72X72MM M.I.S.C.90° SCALE AMMETER AND 1NO.10A CAM TYPE 1 POLE 2 WAY SWITCH, 2 NOS. L/R SELECTOR SWITCH, 3NOS. 230V INDICATING LAMP. MAXIMUM 48:3/4" ET CABLE ENTRIES CAN BE PROVIDED AT THE BOTTOM. EXTERNAL MOUNTING LEGS FOR WALL / STRUCTURE MOUNTING, IP55 CLASS OF PROTECTION AS PER IS/IEC 60529-2001. EPOXY POWDER COATED WITH 60 MICRON COATING IN LIGHT GRAY SHADE 631 AS PER IS5.THICKNESS OF ENCLOSURE 5-10MM. 3MM ROUND NEOPRENE RUBBER GASKET IN COVER GROOVE. 2NOS EXTERNAL AND 1NO INTERNAL EARTHING BY BRASS ROUND HEAD NICKLE PLATED BRASS SCREWS WITH PLAIN WASHER & SPRING WASHERS. COVER FIXING BY SS ALLEN BOLT 8 MM. TERMINALS CLIP ON TYPE CONNECTWEL MAKE WITH END PLATE, END STOP AND MARKERS ON ONE SIDE. TYPE: HA94 WT. APP. 65.2 KG BIS LICENCE NO-CML NO 7800010010, PESO CERTIFICATE: P- 402793, CIMFR CERTIFICATE NO- IN/CIMFR/TR20/H229 DT.02.01.2020</p>

Zone	ATEX category	Way of protection	EPL
0	1G	“Ex ia” – “Ex ma”	Ga
1	2G	“Ex d” – “Ex e” – “Ex i” – “Ex m” – “Ex p” – “Ex o” – “Ex q”	Gb
2	3G	“Ex d” – “Ex e” – “Ex i” – “Ex m” – “Ex p” – “Ex o” – “Ex q” – “Ex n”	Gc
20	1D	pD – mD – tD – iaD - ibD	Da
21	2D	pD – mD – tD – iaD - ibD	Db
22	3D	pD – mD – tD – iaD - ibD	Dc

GASES

EPL Ga: Equipment for explosive atmospheres due to the presence of gas, with a level of protection 'very high', which is not a source of ignition in normal operation, or in case of expected failure or when subjected to a rare failure.

EPL Gb: Equipment for use in explosive atmospheres due to the presence of gas, with a 'high' level of protection that is not the source of ignition in normal operation or when subject to expected malfunctions, although not on a regular basis.

EPL Gc: Equipment for use in explosive atmospheres due to the presence of gas, with a level of protection 'increased' that is not a source of ignition in normal operation. It has some additional security measures in order to ensure that it remains a source of ignition not active in case of expected events on a regular basis (for example, the failure of a lamp).

DUSTS

EPL Da: Equipment for explosive atmospheres due to the presence of combustible dust, which has a level of protection 'very high', and does not constitute a source of ignition in normal operation or when subject to rare failures.

EPL Db: Equipment for explosive atmospheres due to the presence of combustible dust, which has a level of protection 'high'. It does not constitute a source of ignition in normal operation or when subject to expected failures, although not on a regular basis.

EPL Dc: Equipment for explosive atmospheres due to the presence of dust, with a level of protection 'increased', which is not a source of ignition in normal operation. It may have additional protections in order to ensure that it remains inactive as a source of ignition in the case of regular and waited failure.