

FICO HI-TECH (PVT) LIMITED

power of applied intelligence

COMPANY CATALOGUE

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CONTENTS

INSTRUMENT TRANSFORMER					
	p				
RLC SERIES (15 VA)	7				
SLC SERIES (10 VA)			A		
ILC SERIES (INNOVATIVE CLASS)			1		
ELC SERIES (ECONOMICAL CLASS)		a million and a million of the	- AP		
SCLC SERIES SPLIT TYPE MODEL		for	1 1		
SPECIAL SIZE CT		1	all the	m	
TAB CT		1			1
MLC RESIN CAST CT			and the second s	4	
SUMMATION TYPE CT					
CORE BALANCE CT		1		167	1 p
		1		3ª contraction	P
INTRODUCTION OF PANEL ACCESSORIES		1			100
SELECTOR SWITCH		and the second s			
PUSH BUTTON					
INDICATION LIGHT					
PANEL METER (DIGITAL & ANALOGI	UE)				
INTRODUCTION OF PANEL METERS					
VOLT METERS & AMMETER (DIGITAL)					
DIGITAL ANALYSER					
INDICATION LIGHT				19	
VAF METER				20	
PANEL METER (ANALOGUE)				21	
TRANSMISSION LINE EQUIPMEN	NT				
FUSE CUTOUT PORCELAIN TYPE (WAPDA APP				22	
FUSE CUTOUT POLYMER TYPE (KE APPROVED)			23	
FUSE LINK KE APPROVED	·			24	
FUSE LINK WAPDA APPROVED				25	
TRANSMISSION LINE HARDWARE				26	
APPROVALS & CERTIFICATION				27	G IN
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and					- AC
					AC Fre
					Act
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CO street climaxabad, GT road, gujranwala, Pakistan.	E-MAIL sales@ficohitech.com WEBSITE www.ficohitech.com			††† ξ ⊺ ⁺ ─ <u></u> Ţ ⁺	Ţŧ.



CURRENT TRANSFORMER (low voltage)



Current Transformer was used to change the high primary current to low secondary current. Connected with the Panel Meteror Relay, they can help to measure the current or protect the equipments which were connected to the high voltage line

THE LINK BETWEEN HEAVY CURRENT AND MEASUREMENT TECHNOLOGY

CT consist of primary winding, secondary winding, magnetic core and insulated body. The high-grade silicon is annealed, varnished then insulated with polycarbonate core caps. The secondary winding is toroidally wound by high precision semi-automatic machinery. For the tape wound ring type current transformer, the PEW coated windings are thenthe PEW coated windings are then covered with elephantite paper, varnished and double -tapped with PVS tapes. For the encapsulated type current transformer, the windings are enclosed in a compact and heat resistant split cap.



Installed current transformer in the field. The mounting assembly.can be shown for the reference.

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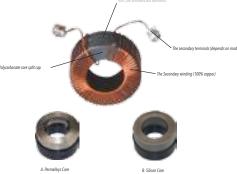
Need to open the bar and insert the current transformer.

E-MAII

WEBSITE



The right current transformer for every application



Anyone wanting to record energy consumption, must measure currents. This is done by using a current transformer to measure the magnetic field created by the current. In principle, the current transformer is similar to a power transformer. The primary circuit is formed by the line to be measured, the connection to the measurement device forms the secondary circuit. As a result, on the one hand there is a galvanic seperation between the measurement device and the current circuit to be measured and on the other hand, the size of the current can be transformed down by a defined ratio to a size suitable for the measurement device:



For example, a high-power 320 Amp line can be reduced by means of a 500:5 transformer to more convenient 3.2 Amps. At the same time, the measurement equipment is protected by the so-called saturation effect in the event of a fault, e.g. with a short-circuit. This phenomenon means that the magnetisation of a material through a magnetic field only rises until it reaches saturation point. The current in the secondary circuit is thus automatically limited through the physical characteristics of the current transformer.

The appropriate combination of measurement device and transformer is critical for the quality and accuracy of a measurement: As with measurement devices, there are permissible nominal currents and accuracy classes with transformers too, the knowledge of which is essential for correct measurement.

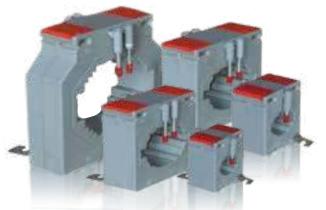
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Current transformers - DEWA & SEC approved series INNOVATIVE MODEL





ILC-30

Primary current (i)	CL (0.5)	CL(1)	CL (3)	Primary conductor (bar)	Primary conductor (round)
30A	-	-	-	20mm x 30mm	25MM
60A	-	-	-	20mm x 30mm	25MM
100A	1VA	1VA	1VA	20mm x 30mm	25MM
150A	1.5VA	1.5VA	1.5VA	20mm x 30mm	25MM
200A	2.5VA	2.5va	2.5VA	20mm x 30mm	25MM

ILC-40

Primary current (i)	CL (0.5)	CL(1)	CL(3)	Primary conductor (bar)	Primary conductor (round)
30A	-	-	1VA	40mm x 10mm	30MM
60A	-	1VA	1.5VA	40mm x 10mm	30MM
100A	1VA	1.5VA	2.5VA	40mm x 10mm	30MM
150A	1.5VA	2.5va	3.75VA	40mm x 10mm	30MM
200A	2.5VA	3VA	5VA	40mm x 10mm	30MM
300A	5VA	5va	7.5VA	40mm x 10mm	30MM
4004	7 5VA	7.5va	10\/A	40mm x 10mm	30MM

ILC-60

Primary current (i)	CL (0.5)	CL(1)	CL (3)	Primary conductor (bar)	Primary conductor (round)
100A	-		2.5VA	60mm x 10mm, 50mmx30mm	50mm
200A	1VA	2.5va	3.75VA	60mm x 10mm, 50mmx30mm	50mm
300A	1.5VA	3VA	5VA	60mm x 10mm, 50mmx30mm	50mm
400A	2.5VA	5va	7.5VA	60mm x 10mm, 50mmx30mm	50mm
600A	5VA	7.5va	10VA	60mm x 10mm, 50mmx30mm	50mm
800A	7.5VA	10va	15VA	60mm x 10mm, 50mmx30mm	50mm

ILC-80

Primary current (i)	CL(0.5)	CL(1)	CL (3)	Primary conductor (bar)	Primary conductor (round)
200A	1.5VA	2.5va	5VA	80mm x 10mm, 60mmx30mm	65mm
300A	2.5VA	5VA	7.5VA	80mm x 10mm, 60mmx30mm	65mm
400A	5VA	7.5va	10VA	80mm x 10mm, 60mmx30mm	65mm
600A	7.5VA	10va	15VA	80mm x 10mm, 60mmx30mm	65mm
800A	10VA	12.5va	25VA	80mm x 10mm, 60mmx30mm	65mm
1200A	12.5VA	15va	30VA	80mm x 10mm, 60mmx30mm	65mm

ILC-100

Primary current (i)	CL(0.5)	CL(1)	CL(3)	Primary conductor (bar)	Primary conductor (round)
1000A	5VA	7.5VA	10VA	100mm x 30mm, 80mmx50mm	80mm
1200A	7.5VA	10VA	15VA	100mm x 30mm, 80mmx50mm	80mm
1600A	10VA	15VA	25VA	100mm x 30mm, 80mmx50mm	80mm
2000A	15VA	25VA	30va	100mm x 30mm, 80mmx50mm	80mm
2400A	25VA	30va	40VA	100mm x 30mm, 80mmx50mm	80mm

NOTE: On request orders for types different from table are accepted. 1A Secondary available

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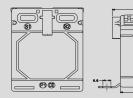
power of applied intelligence
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TEL.	(0092) 55325553-4
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WEBSITE	www.ficohitech.cor

Technical features

Reference specification	EN/IEC 61869-1, 61869-2
Rated primary current lpr:	1600A
Working frequency:	4763Hz
Rated continuous thermal current lcth:	100% lpr
Rated short-time thermal current Ith:	< 601pr
Rated dynamic current Idyn :	2,5lth
nstrument security factor (FS):	≤ 5
Rated secondary current Isr :	5
Max. power dissipation	≤ 20W
Allowed max cable or busbar temperature:	125°C
INSULATION REQUIREMENTS	
Гуре	Dry transformer, air insulation
Highest voltage for equipment Um:	0.72kV r.m.s.
Rated insulation level:	3kV r.m.s. 50Hz/1min
ENVIRONMENTAL CONDITIONS	
Nominal temperature range:	-2550°C
Limit temperature range for storage:	-4085°C
Relative humidity:	≤ 85%
Suitable for tropical climates	yes
CONNECTION	
Primary winding:	Passing bus bar
Secondary winding:	tightening by nut M4
MECHANICAL FEATURES	
Housing material:	self extinguishing polycarbonate
Mounting:	screw type on bar
Weight:	1150 gr

Dimensions



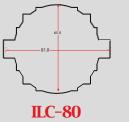
Wiring diagrams

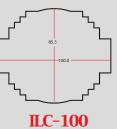
MODEL	A (mm)	B (mm)	C (mm)
ILC 30	78	50	32
ILC 40	78	62	40
ILC 60	110	86	45
ILC 80	128	104	45
ILC 100	155	140	62

















ELC - 20

l (pri)	l (sec)	CI:1	Primary conductor	Round conductor
30A	5A	1VA PT1	-	20MM
60A	5A	1.5VA PT1	-	20MM

ELC - 30 s

l (pri)	l (sec)	CI:1	Primary conductor	Round conductor
30A	5A	2.5VA - PT 4	30mmx10mm	30mm
60A	5A	2.5VA - pt 2	30mmx10mm	30mm
100A	5A	2.5VA	30mmx10mm	30mm
150A	5A	2.5VA	30mmx10mm	30mm
200A	5A	2.5VA	30mmx10mm	30mm
300A	5A	2.5VA	30mmx10mm	30mm
400A	5A	2.5VA	30mmx10mm	30mm

ELC - 30

l (pri)	l (sec)	CI:1	Primary conductor	Round conductor
30A	5A	5VA (PT-4)	30mmx10mm	30mm
60A	5A	5VA (PT-2)	30mmx10mm	30mm
100A	5A	5VA	30mmx10mm	30mm
150A	5A	5VA	30mmx10mm	30mm
200A	5A	5VA	30mmx10mm	30mm
300A	5A	5VA	30mmx10mm	30mm
400A	5A	5VA	30mmx10mm	30mm

ELC - 60

l (pri)	l (sec)	CI:1	Primary conductor	Round conductor
600A	5A	10VA	60mmx10mm, 50mmx30mm	50mm
800A	5A	10VA	60mmx10mm, 50mmx30mm	50mm
1000A	5A	10VA	60mmx10mm, 50mmx30mm	50mm
1200A	5A	10VA	60mmx10mm, 50mmx30mm	50mm

ELC - 100

l (pri)	l (sec)	Cl:1	Primary conductor	Round conductor
1000A	5A	10VA	100mmx30mm,80mmx50mm	-
1200A	5A	10VA	100mmx30mm,80mmx50mm	-
1600A	5A	10VA	100mmx30mm,80mmx50mm	-
2000A	5A	10VA	100mmx30mm,80mmx50mm	-
2400A	5A	10VA	100mmx30mm,80mmx50mm	-
3000A	5A	10VA	100mmx30mm,80mmx50mm	-
3200A	5A	10VA	100mmx30mm,80mmx50mm	-

ELC - 40 s

l (pri)	l (sec)	Cl:1	Primary conductor	Round conducto
30A	5A	2.5VA - PT 4	40mmx10mm	30mm
60A	5A	2.5VA - pt 2	40mmx10mm	30mm
100A	5A	2.5VA	40mmx10mm	30mm
150A	5A	2.5VA	40mmx10mm	30mm
200A	5A	2.5VA	40mmx10mm	30mm
300A	5A	2.5VA	40mmx10mm	30mm
400A	5A	2.5VA	40mmx10mm	30mm

ELC - 40

l (pri)	l (sec)	CI:1	Primary conductor	Round conductor
30A	5A	5VA (PT-4)	40mmx10mm	30mm
60A	5A	5VA (PT-2)	40mmx10mm	30mm
100A	5A	5VA	40mmx10mm	30mm
150A	5A	5VA	40mmx10mm	30mm
200A	5A	5VA	40mmx10mm	30mm
300A	5A	5VA	40mmx10mm	30mm
400A	5A	5VA	40mmx10mm	30mm

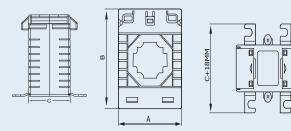
ELC - 80

l (pri)	l (sec)	CI:1	Primary conductor	Round conductor
800A	5A	10VA	80mmx10mm, 60mmx30mm	66mm
1000A	5A	10VA	80mmx10mm, 60mmx30mm	66mm
1200A	5A	10VA	80mmx10mm, 60mmx30mm	66mm
1600A	5A	10VA	80mmx10mm, 60mmx30mm	66mm

Technical features

Reference specification	EN/IEC 61869	-1, 61869-2		
Rated primary current lpr:	2502000A	2502000A 3002500A		
Working frequency:	4	763Hz		
Rated continuous thermal current Icth:	100	1% lpr		
Rated short-time thermal current Ith:	<	60lpr		
Rated dynamic current Idyn :	2	,5lth		
Instrument security factor (FS):		≤ 5		
Rated secondary current Isr :	5	- 1A		
Max. power dissipation	≤	19W		
Allowed max cable or busbar temperature:	1	25°C		
INSULATION REQUIREMENTS				
Туре	Dry transformer,	air insulation		
Highest voltage for equipment Um:	0.72kV r.m.s.			
Rated insulation level:	3kV r.m.s. 5	3kV r.m.s. 50Hz/1min		
ENVIRONMENTAL CONDITIONS				
Nominal temperature range:	-25.	50°C		
Limit temperature range for storage:	-40.	85°C		
Relative humidity:	≤	85%		
Suitable for tropical climates		yes		
CONNECTION				
Primary winding:	Passing	Passing bus bar		
Secondary winding:	tightening	tightening by nut M4		
MECHANICAL FEATURES				
Housing material:	self extinguishing	polycarbonate		
Mounting:	screw typ	e on bar		
Weight:				

Dimensions ELC



Wiring diagrams MODEL 62 36 ELC-305 80 87 41 ELC-405 ELC-30 80 87 41 S1 k 63 · 78 35 ELC-40 78 63 35 Ip ELC-60 100 118 41 ELC-80 40 110 130 P1 K 145 ELC-100 154 38

Isr S2 LOAD P2 L

DIMENSIONAL DRAWING



ELC - 30 & 30S



In In















NOTE : On request orders for types different from table are accepted. 1A Secondary available

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Current transformers - SLC series (10 VA BURDEN) ROUND & RECTANGULAR MODEL



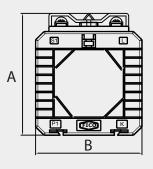


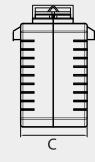
MODEL	Ratio	PT	Class 1	ROUND CONDUCTOR MAX	BAR SIZE MAX	
SLC - 30	30/5A	4	10VA	30MM	10MM X 30MM	
SLC - 30	50/5A	2	10VA	30MM	10MM X 30MM	
SLC - 30	60/5A	1	10VA	30MM	10MM X 30MM	
SLC - 30	100/5A	1	10VA	30MM	10MM X 30MM	
SLC - 30	150/5A	1	10VA	30MM	10MM X 30MM	
SLC - 30	200/5A	1	10VA	30MM	10MM X 30MM	
SLC - 30	300/5A	1	10VA	30MM	10MM X 30MM	
SLC - 40	400/5A	1	10VA	40MM	10MM X 40MM	
SLC - 40	500/5A	1	10VA	40MM	10MM X 40MM	
SLC - 40	600/5A	1	10VA	40MM	10MM X 40MM	
SLC - 50	400/5A	1	10VA	50MM	20MM X 50MM	
SLC - 50	500/5A	1	10VA	50MM	20MM X 50MM	
SLC - 50	600/5A	1	10VA	50MM	20MM X 50MM	
SLC - 50	800/5A	1	10VA	50MM	20MM X 50MM	
SLC - 50	1000/5A	1	10VA	50MM	20MM X 50MM	
SLC - 50	1200/5A	1	10VA	50MM	20MM X 50MM	
SLC - 65	600/5A	1	10VA	65MM	-	
SLC - 65	800/5A	1	10VA	65MM	-	
SLC - 65	1000/5A	1	10VA	65MM	-	
SLC - 65	1200/5A	1	10VA	65MM	-	
SLC - 65	1600/5A	1	10VA	65MM	-	
SLC - 65	2000/5A	1	10VA	65MM	-	
SLC - 100	1200/5A	1	10VA	-	100MM X 50MM	
SLC - 100	1600/5A	1	10VA	-	100MM X 50MM	
SLC - 100	2000/5A	1	10VA	-	100MM X 50MM	
SLC - 125	2500/5A	1	10VA		125MM X 50MM	
SLC - 125	3000/5A	1	10VA		125MM X 50MM	
SLC - 125	3200/5A	1	10VA		125MM X 50MM	
SLC - 125	4000/5A	1	10VA	-	125MM X 50MM	



Technical features	
SPECIFICATIONS	
Reference specification	EN/IEC 61869-1, 61869-2
Rated primary current Ipr:	30A TO 4000A
Working frequency:	4763Hz
Rated continuous thermal current lcth:	100% lpr
Rated short-time thermal current Ith:	< 601pr
Rated dynamic current Idyn :	2,5lth
Instrument security factor (FS):	≤ 5
Rated secondary current Isr :	5
Max. power dissipation	≤ 20W
Allowed max cable or busbar temperature:	125°C
INSULATION REQUIREMENTS	
Туре	Dry transformer, air insulation
Highest voltage for equipment Um:	0.72kV r.m.s.
Rated insulation level:	3kV r.m.s. 50Hz/1min
ENVIRONMENTAL CONDITIONS	
Nominal temperature range:	-2550°C
Limit temperature range for storage:	-4085°C
Relative humidity:	≤ 85%
Suitable for tropical climates	yes
CONNECTION	
Primary winding:	Passing bus bar
Secondary winding:	tightening by nut M4
MECHANICAL FEATURES	
Housing material:	self extinguishing polycarbonate
Mounting:	screw type on bar
Weight:	-











SLC 30







SLC 65

SLC 100







L_O



made in Pakistan

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c

NOTE : On request orders for types different from table are accepted. 1A Secondary available

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Current transformers - RLC series (15 VA BURDEN) ROUND & RECTANGULAR MODEL





RLC 30

l (pri)	l (sec)	CI:1	Round conductor
30A	5A	15VA - PT 4	30mm
60A	5A	15VA - pt 2	30mm
100A	5A	15VA	30mm
150A	5A	15VA	30mm
200A	5A	15VA	30mm
250A	5A	15VA	30mm
300A	5A	15VA	30mm

RLC 50

l (pri)	l (sec)	CI:1	Round conductor
400A	5A	15VA	50mm
500A	5A	15VA	50mm
600A	5A	15VA	50mm

RLC 65

l (pri)	l (sec)	CI:1	Round conductor
400A	5A	15VA	65mm
500A	5A	15VA	65mm
600A	5A	15VA	65mm
800A	5A	15VA	65mm
1000A	5A	15VA	65mm
1200A	5A	15VA	65mm

RLC 80

l (pri)	l (sec)	CI:1	PRIMARY BAR
600A	5A	15VA	80mmX50mm
800A	5A	15VA	80mmX50mm
1000A	5A	15VA	80mmX50mm
1200A	5A	15VA	80mmX50mm
1600A	5A	15VA	80mmX50mm
2000A	5A	15VA	80mmX50mm

RLC 125

l (pri)	l (sec)	CI:1	PRIMARY BAR
1200A	5A	15VA	125mmX50mm
1600A	5A	15VA	125mmX50mm
2000A	5A	15VA	125mmX50mm
2500A	5A	15VA	125mmX50mm
3000A	5A	15VA	125mmX50mm
3200A	5A	15VA	125mmX50mm
4000A	5A	15VA	125mmX50mm

NOTE : On request orders for types different from table are accepted. 1A Secondary available

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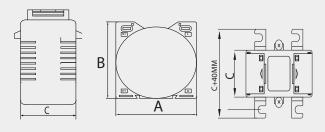
WEBSITE

SPECIFICATIONS	
Reference specification	EN/IEC 61869-1, 61869-2
Rated primary current lpr:	30A TO 4000A
Working frequency:	4763Hz
Rated continuous thermal current lcth:	100% lpr
Rated short-time thermal current Ith:	< 60lpr
Rated dynamic current Idyn :	2,5lth
Instrument security factor (FS):	≤ 5
Rated secondary current Isr :	5
Max. power dissipation	≤ 20W
Allowed max cable or busbar temperature:	125°C
INSULATION REQUIREMENTS	
Туре	Dry transformer, air insulation
Highest voltage for equipment Um:	0.72kV r.m.s.
Rated insulation level:	3kV r.m.s. 50Hz/1min
ENVIRONMENTAL CONDITIONS	
Nominal temperature range:	-2550°C
Limit temperature range for storage:	-4085°C
Relative humidity:	≤ 85%
Suitable for tropical climates	yes
CONNECTION	
Primary winding:	Passing bus bar
Secondary winding:	tightening by nut M4
MECHANICAL FEATURES	
Housing material:	self extinguishing polycarbonate
Mounting:	screw type on bar
Weight:	-

CE

Dimensions RLC

. . . .





65

52

RLC 125

128

r°1

RLC 30

1



RLC 80

51



made in Pakistan

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FICO street climaxabad, GT road, gujranwala, Pakistan.



Current transformers - Special category



Cable/passing bar single-phase current transformers

SCLC SPLIT (CLAMP TYPE) CURRENT TRANSFORMER

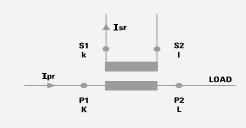


MODEL	Ratio	Class 3	Class 1	Class 0.5	A	В	C	D	E
SCLC -23	100/5A	1.5VA	-	-	30	20	110	90	40
SCLC -23	200/5A	2.5VA	1.5VA	1.25VA	30	20	110	90	40
SCLC -23	300/5A	3.75VA	2.5VA	1.5VA	30	20	110	90	40
SCLC -23	400/5A	5VA	3.75VA	2.5VA	30	20	110	90	40
SCLC -58	300/5A	3.75VA	2.5VA	1.5VA	80	50	145	115	40
SCLC -58	400/5A	3.75VA	2.5VA	1.5VA	80	50	145	115	40
SCLC -58	600/5A	7.5VA	5VA	2.5VA	80	50	145	115	40
SCLC -58	800/5A	7.5VA	5VA	3.75VA	80	50	145	115	40
SCLC -58	1000/5A	12,5VA	10VA	5VA	80	50	145	115	40
SCLC -88	300/5A	2.5VA	1.5VA	1VA	80	80	145	145	40
SCLC -88	400/5A	3.75VA	2.5VA	1.5VA	80	80	145	145	40
SCLC -88	600/5A	5VA	3.75VA	2.5VA	80	80	145	145	40
SCLC -88	800/5A	7.5VA	5VA	3.75VA	80	80	145	145	40
SCLC -88	1000/5A	12.5VA	10VA	7.5VA	80	80	145	145	40
SCLC -812	600/5A	3.75VA	2.5VA	1.5VA	120	80	185	145	40
SCLC -812	800/5A	5VA	3.75VA	2.5VA	120	80	185	145	40
SCLC -812	1000/5A	10VA	7.5VA	5VA	120	80	185	145	40
SCLC -812	1200/5A	12.5VA	10VA	5\9	120	80	185	145	40
SCLC -812	1600/5A	12.5VA	10VA	7.5VA	120	80	185	145	40
SCLC -816	1600/5A	12.5VA	10VA	5VA	160	80	245	185	40
SCLC -816	2000/5A	12.5VA	10VA	7.5VA	160	80	245	185	40
SCLC -816	2500/5A	30VA	25VA	15VA	160	80	245	185	40
SCLC -816	3000/5A	30VA	25VA	20VA	160	80	245	185	40
SCLC -816	4000/5A	30VA	25VA	20VA	160	80	245	185	40
SCLC -816	5000/5A	30VA	25VA	20VA	160	80	245	185	40

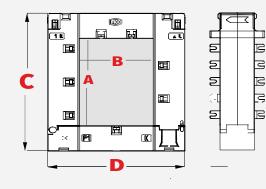
Technical features

SPECIFICATIONS	
Reference specification	EN/IEC 61869-1, 61869-2
Rated primary current Ipr:	100A TO 6000A
Working frequency:	4763Hz
Rated continuous thermal current lcth:	100% lpr
Rated short-time thermal current Ith:	< 601pr
Rated dynamic current Idyn :	2,5lth
Instrument security factor (FS):	≤ 5
Rated secondary current Isr :	5
Max. power dissipation	≤ 20W
Allowed max cable or busbar temperature:	125°C
INSULATION REQUIREMENTS	
Туре	Dry transformer, air insulation
Highest voltage for equipment Um:	0.72kV r.m.s.
Rated insulation level:	3kV r.m.s. 50Hz/1min
ENVIRONMENTAL CONDITIONS	
Nominal temperature range:	-2550°C
Limit temperature range for storage:	-4085°C
Relative humidity:	≤ 85%
Suitable for tropical climates	yes
CONNECTION	
Primary winding:	Passing bus bar
Secondary winding:	tightening by nut M4
MECHANICAL FEATURES	
Housing material:	self extinguishing polycarbonate
Mounting:	screw type on bar
Weight:	

Wiring diagrams



DIMENSIONS



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FICO hi-tech (pvt) ltd

NOTE: On request orders for types different from table are accepted. 1A Secondary available

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SINCE 1952

Current transformers - SDH & TAB series RECTANGULAR MODEL

Cable/passing bar single-phase current transformers



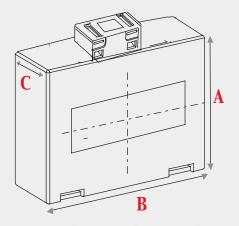
MODEL (INNER WINDOW SIZE)	lp (primary)	ls (secondary)	Class 1	Class 0.5	Protection class 5p10
SDH - 130 X 80	3000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
SDH - 130 X 80	4000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
SDH - 130 X 80	5000/5A	5A/1A	15VA - 30VA	15VA-22.5VA	10VA - for Is=5A
SDH - 130 X 80	6000/5A	5A/1A	15VA - 45VA	15VA-30VA	10VA - for Is=5A
SDH - 130 X 80	8000/5A	5A/1A	30VA - 60VA	30VA-45VA	10VA - for Is=5A
SDH - 150 X 110	4000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
SDH - 150 X 110	5000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
SDH - 150 X 110	6000/5A	5A/1A	15VA - 30VA	15VA-22.5VA	10VA - for Is=5A
SDH - 150 X 110	8000/5A	5A/1A	15VA - 45VA	15VA-30VA	10VA - for Is=5A
SDH - 150 X 110	10,000/5A	5A/1A	30VA - 60VA	30VA-45VA	10VA - for Is=5A
SDH - 50 X 150	3000A -10000A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
SDH - 100 X 265	3000A -10000A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
SDH - 65 X 265	3000A -10000A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
TAB SERIES	lp(primary)	ls (secondary)	Class 1	Class 0.5	Protection class 5p10
TAB 3 - 60 X 20	8000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
TAB 3 - 60 X 20	3000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
TAB 3 - 60 X 20	4000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
TAB 3 - 60 X 20	5000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
TAB 3 - 60 X 20	6000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
TAB 3 - 60 X 20	4000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
TAB 3 - 60 X 20	5000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
TAB 3 - 60 X 20	6000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
TAB 3 - 60 X 20	4000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
TAB 3 - 60 X 20	5000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
TAB 3 - 60 X 20	6000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
TAB 3 - 60 X 20	4000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
TAB 3 - 60 X 20	5000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
TAB 3 - 60 X 20	6000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
TAB 3 - 60 X 20	4000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A
TAB 3 - 60 X 20	5000/5A	5A/1A	15VA - 22.5VA	10VA - 15VA	10VA - for Is=5A
TAB 3 - 60 X 20	6000/5A	5A/1A	10VA - 15VA	7.5VA-10VA	10VA - for Is=5A

Technical features SPECIFICATIONS Reference specification EN/IEC 61869-1, 61869-2 Rated primary current lpr: 100A TO 10,000A Working frequency: 47...63Hz 100% Ipr Rated continuous thermal current Icth: Rated short-time thermal current Ith: < 601pr Rated dynamic current Idyn 2,5lth Instrument security factor (FS): ≤ 5 Rated secondary current Isr : 5 Max. power dissipation ≤ 20W Allowed max cable or busbar temperature: INSULATION REQUIREMENTS 125°C Dry transformer, air insulation Туре Highest voltage for equipment Um: 0.72kV r.m.s. Rated insulation level: 3kV r.m.s. 50Hz/1min **ENVIRONMENTAL CONDITIONS** Nominal temperature range: -25...50°C Limit temperature range for storage -40...85°C Relative humidity: ≤ 85% Suitable for tropical climates yes CONNECTION Primary winding: Passing bus bar Secondary winding tightening by nut M4 MECHANICAL FEATURES Housing material: self extinguishing polycarbonate Mounting: screw type on bar

CE

Dimensions (outer)

Weight:



Model	A (mm)	B (mm)	C (mm)
SDH 80X130	180	190	50
SDH 110X150	220	204	60
SDH 100X265	200	300	65
SDH 50X155	145	200	50
SDH 65X225	170	270	55
TLC-3	116	100	50
TLC-4	100	120	45
TLC-5	135	170	50

NOTE : On request orders for types different from table are accepted. 1A Secondary available

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Current transformers - Special category

Cable/passing bar single-phase current transformers



RESIN **ENCAPSULATED OUT DOOR ANTI-THEFT CT**

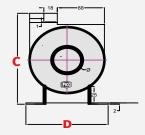
MODEL	Ratio	Class 0.5	5P10 (PROTECTION)	A	В	С	D
MLC -30	100/5A	15VA	5VA	30	30	138	110
MLC -30	200/5A	17.5VA	10VA	30	30	138	110
MLC -30	300/5A	20VA	12.5VA	30	30	138	110
MLC -30	400/5A	25VA	15VA	30	30	138	110
MLC -60	100-300/5A	15VA-25VA	5VA	60	60	163	110
MLC -60	400/5A	30VA	15VA	60	60	163	110
MLC -60	600/5A	35VA	17.5VA	60	60	163	110
MLC -60	800/5A	40VA	20VA	60	60	163	110
MLC -75	400/5A	50VA	25VA	75	75	165	110
MLC -75	600/5A	60VA	25VA-50VA	75	75	165	110
MLC -75	800/5A	60-100VA	25VA-50VA	75	75	165	110
MLC -75	1000/5A	60-120VA	25VA-50VA	75	75	165	110
MLC -100X125	1000/5A	50VA	25VA	100	125	233	205
MLC -100X125	2000/5A	60VA	25VA-50VA	100	125	233	205
MLC -100X125	3000/5A	60-100VA	25VA-50VA	100	125	233	205
MLC -100X125	4000/5A TO 6000/5A	60-120VA	25VA-50VA	100	125	233	205
MLC -50X125	1000/5A	50VA	25VA	50	125	165	190
MLC -50X125	2000/5A	60VA	30VA	50	125	165	190
MLC -50X125	3000/5A	60-100VA	30VA	50	125	165	190
MLC -50X125	4000/5A	60-120VA	30VA	50	125	165	190
MLC -75X125	1000/5A	50VA	25VA	75	125	200	200
MLC -75X125	2000/5A	60VA	30VA	75	125	200	200
MLC -75X125	3000/5A	60-100VA	30VA	75	125	200	200
MLC -75X125	4000/5A TO 6000/5A	60-120VA	30VA	75	125	200	200

Reference specification Rated primary current lpr: Working frequency: Rated continuous thermal current lcth: Rated short-time thermal current Ith: Rated dynamic current Idyn : Instrument security factor (FS): Rated secondary current lsr : Max. power dissipation

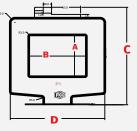
Technical features SPECIFICATIONS

Max. power dissipation ≤ 20W	
Allowed max cable or busbar temperature:	125°C
INSULATION REQUIREMENTS	
Туре	Dry transformer, air insulation
Highest voltage for equipment Um:	0.72kV r.m.s.
Rated insulation level:	3kV r.m.s. 50Hz/1min
ENVIRONMENTAL CONDITIONS	
Nominal temperature range:	-2550°C
Limit temperature range for storage:	-4085°C
Relative humidity:	≤ 85%
Suitable for tropical climates	yes
CONNECTION	
Primary winding:	Passing bus bar
Secondary winding:	tightening by nut M4
MECHANICAL FEATURES	
Housing material:	self extinguishing polycarbonate
Mounting:	screw type on bar
Weight:	

DIMENSIONS



MLC 30 & MLC 60, MLC 75



CE

EN/IEC 61869-1, 61869-2

100A TO 6000A

47...63Hz

100% Ipr

< 601pr 2,5lth

≤ 5

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MLC100 MLC125

Wiring diagrams

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NOTE: On request orders for types different from table are accepted. 1A Secondary available

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Current transformers - Special category



Cable/passing bar single-phase current transformers



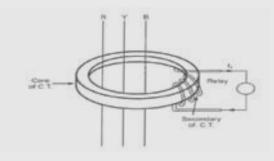
ZERO SEQUENCE CBCT CURRENT TRANSFORMER (MLC RESIN TYPE)

Zero-sequence CT is made to work with microcomputer protection device, motor protection device, and relay, as a ground fault protection set, protecting and monitoring power supply and distribution systems. Rectangular window. Mainly suitable for single or multiple bus-bar applications. High accuracy class and large burden rating. Easy installation (onto the bus-bar). For power supply and distribution systems of up to 660V.

Technical features

Reference specification	IEC60044-1; IEC 61869-2; NTC 2205; ANSI C57.13; GB1208-20	
Rated primary current Ipr:	100A TO 6000A	
Working frequency:	4763Hz	
Rated continuous thermal current lcth:	100% lpr	
Rated short-time thermal current Ith:	< 601pr	
Rated dynamic current Idyn :	2,5lth	
Accuracy class for protection/ metering:	5p10, 10p10, 5p20, 10p20, 0.2s, 0.5	
Rated secondary current Isr :	5A /1A	
burden	≤ 25va	
Allowed max cable or busbar temperature:	125°C	
INSULATION REQUIREMENTS		
Туре	Dry transformer, air insulation	
Highest voltage for equipment Um:	0.72kV r.m.s.	
Rated insulation level:	3kV r.m.s. 50Hz/1min	
ENVIRONMENTAL CONDITIONS		
Nominal temperature range:	-2550°C	
Limit temperature range for storage:	-4085°C	
Relative humidity:	≤ 85%	
Suitable for tropical climates	yes	
CONNECTION		
Primary winding:	Passing bus bar	
Secondary winding:	tightening by nut M4	
MECHANICAL FEATURES		
Housing material:	MLC RESIN TYPE	
Mounting:	screw type on bar	
Weight:		

Wiring diagrams



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NOTE: On request orders for types different from table are accepted. 1A Secondary available

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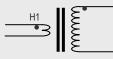
Device overview - s	ummation current tra	nsformer, class 0.5		
Туре	Primary current in A	Secondary current in A	Power in VA	Transformation ratio
FCT-SUM-1	5+5	5	15	1:1
FCT-SUM-2	5+5+5	5	15	1:1:1
FCT-SUM-3	5+5+5+5	5	15	1:1:1:1

Summation current transformers enable a single electricity meter to monitor the total load across a number of supplies. Each supply is fitted with ordinary current transformers, and the secondary leads are then connected to a summation transformer. The secondary terminals of the summation transformer are then connected to the meter. The meter is thus presented with a signal which represents the total for all the circuits connected to the summation transformer. When summation transformers are used it is not possible to determine the individual contribution from each supply.

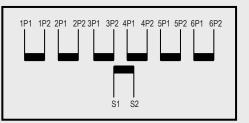
A separate summation transformer is required for each phase. For single-phase installations it is permissible to use one summation transformer so long as all the circuits are connected to the same phase..

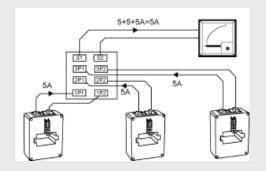
Summation transformers can be manufactured with between two and ten input circuits. It is not good practice to use a summation transformer with more inputs than the number of circuits to be metered. This is because unused circuits can introduce stray signals and can also reduce the dynamic range available to circuits that are connected. If an input to a summation transformer needs to be temporarily disconnected (during fault-finding, for example) the relevant P1 and P2 connections should be shorted together. All the input circuits must have the same ratio. The output from a summation CT with mismatched inputs (e.g. 200 + 300 + 250 : 5A) would be unpredictable and therefore unsuitable for metering.

SPECIFICATIONS	
Reference specification	EN/IEC 61869-1, 61869-2
Rated primary current Ipr:	
Working frequency:	4763Hz
Rated continuous thermal current lcth:	100% lpr
Rated short-time thermal current Ith:	< 601pr
Rated dynamic current Idyn :	2,5lth
Instrument security factor (FS):	≤ 5
Rated secondary current Isr :	5 - 1A
Max. power dissipation	≤ 19W
Allowed max cable or busbar temperature:	125°C
INSULATION REQUIREMENTS	
Гуре	Dry transformer, air insulation
Highest voltage for equipment Um:	0.72kV r.m.s.
Rated insulation level:	3kV r.m.s. 50Hz/1min
ENVIRONMENTAL CONDITIONS	
Nominal temperature range:	-2550°C
Limit temperature range for storage:	-4085°C
Relative humidity:	≤ 85%
Suitable for tropical climates	yes
CONNECTION	
Primary winding:	
Secondary winding:	tightening by nut M4
MECHANICAL FEATURES	
Housing material:	self extinguishing polycarbonate
Mounting:	screw type on bar
Weight:	



Current transformer polarity can be defined by permanent markings (typically H 1 - X 1) or polarity dots.







FICO HI-TECH (PVT) LTD DATA SHEET

FICO hi-tech (pvt) ltd power of applied intelligence FICO street climaxabad, GT road, gujranwala, Pakistan

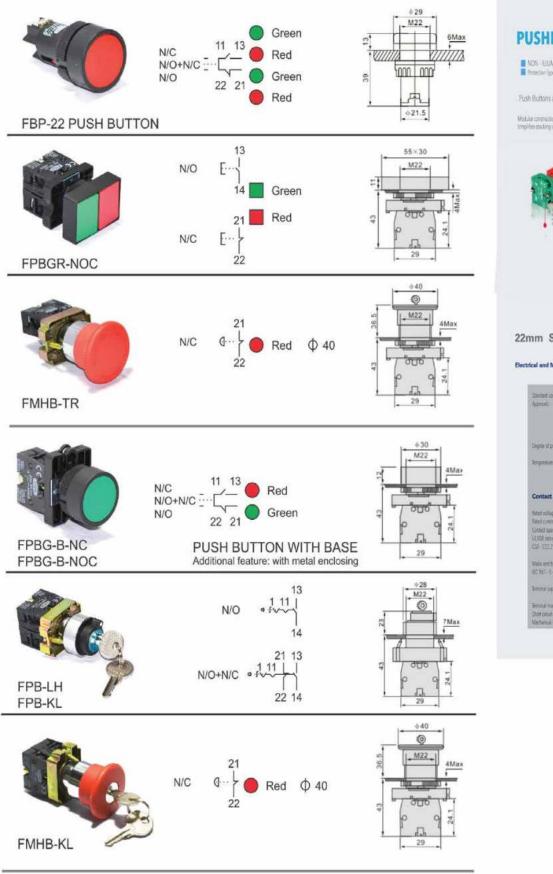


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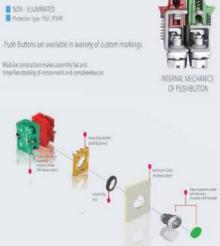


Push button series





PUSHBUTTON:



22mm Specifications

Electrical and Mechanical Characteristics

Standard conformity Approvals	RE ADRANS I VDHOHOD
	CSA-C22.2.No. 14/93 UISSR
	80.467 - 5 TO 1990, 10 13967
	AGR UK method as per EC 947 - 5 -((1) 1990
beignes of protection	#65 experIEC 529
	NEMATipe 40, 12 at per ULSO
Temperature Stange	- 299°C to + 70°C (-1379 to + 158°F)
Contact Block	
Contact prove	
Hideet voltage	SOLAR 10C
Rateri correct	TDAAC / 2.54 DC
Contract operation	self-woring, slow break NG or NC
(4.508:10111-0111-01)	
Cal 2222No. 1495	A600, 104; 5007 AC
	0800-2.5A; 600V.0C
While and these capacity	APRIL AL APPINE
些942-5-(1) 排除	AC 1544, 415240 20 13 053, 100100
	minimum 20 AVG (0.5 mm ⁻¹)
Remove operity	maximum 2416-4WG (2 x 15 erm 7) av 14 AWG (2 5 mm
Terrinal numbers	12 to RC 34 to NO
Short carak protection	TIM cartisidae fuce HRC type, roted for vesitive loads
Mittance lie	1 million operations

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SELECTOR SWITCH

















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Product Introduction

The RCO series rotary switch mainly applies to 440V and below, AC 50Hz or 240V and below DC circuits. For breaking and dosing, change-over of circuits under unfrequently manual operation. And the typical application are controlswitch of 3 phase motors, controlswitch of switch gear, control switch of instruments, and change-over switch of machinery and welding machine. The series comply with IEC 60947-3 & IEC 60947-5-1

The FS (FICO) series have 8 current ratings: 0A,20A, 25A, 32A, 40A, 63A

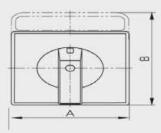
Working conditions

(1) Ambient temperature DO NOT exceed 40 C, and the average temperature, measured over a period of 24 hours, DO NOT exceed 35°C (2) Ambient temperature should not be below -25°C (3) Should not be installed above 2000m above sea level (4) The humidity should not exceed 50% when the ambient temperature is 40°C and higher humidity is allowed for lower temperature.

Installation conditions

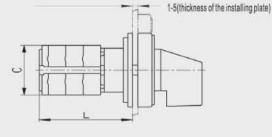
(1) A dean environment is required (2) Please follow our manual

DIMENSIONS & INSTALLATION



Specification

FS 26-20 FS 26-20 FS 26-20 FS 26-20 FS 26-32 FS 26-32 FS 26-63 FS 26-63 FS 26-63 FS 26-63



Escutcheon plate	Dim	ensior	ns (mm)	In	stalla	tion (n	nm)
Looutonoon prato	А	В	C	L	E	F	D1	D2
M1 square	48	48	43	22+9.6n	36	36	Ø 8.5	\$4.5
M1 rectangular	48	60	43	22+9.6n	36	36	\$8.5	\$4.5
M2 square	64	64	43	25+9.6n	48	48	\$ 10	0.4.5
M2 rectangular	64	80	43	25+9.6n	48	48	\$ 10	\$4.5
M2 square	64	64	58	29.2+12.8n	48	48	\$ 10	\$4.5
M2 rectangular	64	80	58	29.2+12.8n	.48	48	\$10	\$4.5
M3 square	88	88	58	29.2+12.8n	68	68	\$ 13	\$6
M2 square	64	64	66	29.2+21.5n	48	48	\$10	\$4.5
M2 rectangular	64	80	66	29.2+21.5n	48	48	\$10	\$4.5
M3 square	88	88	66	29.2+21.5n	68	68	\$ 13	¢6

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D-Phase Lite to-Lite

3 - Phase Line Line & Line & Actual

Script Plate Marking/ Operating Guadrant

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Cam Assembly









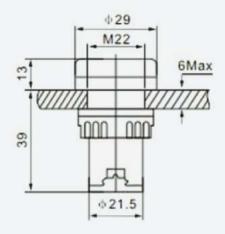


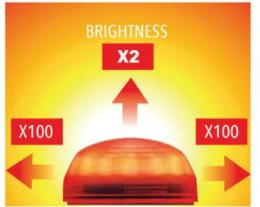


LED Lamp Ratings

Rated Voltage	12V DC, 24V AC/DC, 220V-380 AC			
Voltage Range	12V DC $\pm 5\%$, 24V AC/DC $\pm 10\%$, 220V - 380 AC $\pm 10\%$			
LED Illumination Color	Red (R), Green (G), Yellow (Y), Blue (S)			
Rated Current	12V DC: R, A, Y - 21mA; G, S, PW - 22mA 24V AC/DC, 220V AC: 24mA (all colors)			
LED Life (Ref.)	Approx. 30,000 Hrs. at rated voltage @ 25°C in specified environmental conditions (The brightness reduces to 50% of initial valu			
Equivalent Circuit				

Rated Operatir	ng voltage (AC)	110-380v		
Working frequency:		4763Hz		
Rated Operating voltage (DC)		6V - 48V		
Rated operatio	nal current (mA):	< 20mA		
Service life :		>30,000		
Brightness:		>60		
Operating Tem	perature	- 25 to +55°C (no freezing)		
Storage Tempe	rature	-45 to +80°C (no freezing)		
Operating Hur	nidity	45-85%RH (no condensation)		
Insulation Resi	stance	100M Ω (DC500V megger)		
Over Voltage C	ategory	II (IEC60664-1)		
Impulse Dielec	tric Strength	2.5kV (IEC60664-1, IEC60947-5-		
Pollution Degree		3 (IEC60947-5-1)		
Dielectric Strength		Between terminals of different poles: 2,000V AC, 1 mi Between live and non-live parts: 2,000V AC, 1 min		
Vibration Operation limit		5-55Hz half amplitude: 0.5mm		
Resistance	Damage limit	30Hz half amplitude: 1.5mm		
Shock	Operation limit	100m/s ² (10G)		
Resistance Damage limit		1000m/s ² (100G)		
Degree of Protection		Panel front: IP66 (IEC 60529), UL Type 4X		
Terminal Size		M3.5 screw Terminals: IP20		
Tightening	Terminal Screw	1.0Nm		
Torque	Locking Ring	2.0Nm		
Wire Size		AWG16 ~ AWG14, 2 wires max.		
Weight (approx.)		18g		





Twice as bright as standard pilot lights when viewed from the front, and up to 100 times brighter than standard pilot lights when viewed from side angles.

FICO hi-tech (pvt) ltd

power of applied intelligence

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DIGITAL & ANALOGUE TYPE METERS



FD

FICO



DIGITAL VAF METER



ANALOG METERS



DIGITAL WATT METER

FICO



Measurement Parameters



DIGITAL AMMETER , VOLT METER (80X80),(60X60)



FICO

Hz

CE ISO

DIGITAL FREQUENCY

DIGITAL METER (96X48)

and DC 4~20mA analog output, So as to meet all kinds of demands.

FDM-PA (96 x 96 x 82) is a power analyzer and meter, It can measure and display all the electrics, Four modules can be plugged-in together: RS-485 communications, digital input/output, energy pulse,

Voltage (Ph-N); Voltage (Ph-Ph); Current; Frequency; PF; Active Power(W); Reactive Power(Q) ; Apparent Power(S)



CE

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DIGITAL AMPERE

METER

FICO

DIGITAL DIN RAIL TYPE VA METER



DIGITAL VOLT

METER

CE

DIGITAL VA METER (AC 80 -300V)



DIGITAL POWER ANALYZER



Accuracy 0.5% RS-485 interface port support, 32 (128) Networking, ModBus-RTU communication protocol. AC85~265V / DC85~330V, DC18~90V (optional) Power Consumption: <4VA

Specification Table for Digital Meters

DIGITAL TYPE METER	VOLT METER	AMPERE METER	FREQUENCY METER	WATT METER	VAF METER	VA METER	DRT METER
FRONT FRAME(MM)	96X96, 72X72 96X48	96X96, 48X48, 96X48	96X96, 72X72,	96X96	96X96	60X60X49	54X80X64
DISPLAY	3 - digit	4 - digit	3 - digit	3 - digit	Ammeter: 3 x 4 digit voltmeter: 3 digit frequency meter: 3 digit	2 - digit	2 - digit
ACCURACY	±1%-2d	±1%-2d	±0.2% + 2d	±1%-2d	Ammeter: ±1%+2d voltmeter:±1%+2d frequency meter: ±0.2%+2d	±1%-2d	±1%-2d
MEASURING RANGE	0-500V	0-9999A	20-500 HZ (30 - 500V AC)	0-1250W	Ammeter: 0-9999A voltmeter: 0-500V frequency meter: 30-70 HZ	0-100A 0-500V AC	0-100A 0-500V AC
POWER CONSUMPTION	<3VA	<3VA	<3VA	<3VA	<3VA	<3VA	<3VA

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FUSE CUTOUT (POLYMER TYPE)



11kv Fuse cutout for KE



CHARACTERISITCS OF DISTRIBUTION FUSE LINKS

Model/Type of FUSE LINKS	FK-KK-6A, FK-KK-10A, FK-KK-15A, FK- KK-30A, FK-KK-40A		
Manufacturing Standard	K-FLDOC-210/2003		
Ratings and characteristics of the dropout cutout as per clause 3.0			
Nominal voltage	11 KV		
Maximum design voltage	12 KV		
Normal Current rating	3,6,15 & 40 Amps		
Tensile withstand strength	6 kg		
Normal Diameter of flexible leader	2.25MM		
Normal Bending diameter of flexible	6MM		
RATING PLATE	AS PER SPECS		
PACKING	AS PER SPECS		

Name & address of Manufacturer	FICO HI-TECH (PVT) LTD, FICO STREET CLIMAXABAD, GT HOAD, GUIRANNAL		
Country of Origin	PAKISTAN		
Model/Type of CTs	DF-PI-11KV		
Manufacturing Standard	KDTP-S284-15-00-Silicon		
Ratings and characteristics of the drop	out cutout as per clause 3.0		
Nominal voltage	11 KV		
Maximum design voltage	12 KV		
Rated continuous current	100A		
Interrupting current Assymn Amps(RMS) at	8000A		
Impulse withstand voltage to ground	95 KV		
mpulse withstand voltage across gaps	110 KV		
Dry one minute power frequency Withstand voltage to ground.	35 KV		
Dry one minute power frequency Withstand voltage across gap.	45 kv		
WET one minute power frequency Withstand voltage to ground.	30 KV		
mechanical and electrical characteristics of t	he Silicon Rubber insulator		
Leakage distance	508 mm (min)		
Dry arcing distance	170 mm (min)		
Hardness (Shore A)	≥58		
Elongation at break (%)	≥200		
Tear Strength (N/mm)	12.5		
Dielectric strength KV/ mm	≥18		
Chemical composition and mechanical and electric	al properties of materials to be used in housing		
Tensile strength (minimum)	45 kg/sg. mm		
Yield strength (minimum)	17 kg/sq. mm		
Elongation in 50 mm	20%		
Electrical conductivity	14% IACS		
Brinell hardness No	(3000 kg) load. 110 min		
All springs (wires and strips) as per specs			
All ferrous parts & terminal coonectors	AS PER SPECS		
fuse holder	AS PER SPECS		
RATING PLATE	AS PER SPECS		
PACKING	AS PER SPECS		

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FUSE CUTOUT (POLYMER TYPE)



11kv Fuse cutout for KE



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INTRODUCTION: FICO is manufacturing Fuse Cutout in different designs Used for the protection of Distribution Transformers since 1958. DESIGN

FICO has developed a new design with Single Insulator based on ANSI, IEC & WAPDA standards.

MATERIAL: Current carrying components have been made from aluminum bronze which has weather proof, high tensile, anti-sust properties with excellent conductivity. Fuse carrier assembly has been manufactured with glass fibre tube with vulcanized fibre lining of good electrical and thermal properties. All main contacting faces are silver coated.

INSULATOR: Brown &White glazed porcelain insulator with food characteristics of electrical and mechanical properties have been used.

MOUNTING:

In order to avoid rust and atmospheric effects all ferrous parts have been galvanized. Mountings are adjustable and can be fixed with any type of cross-arm.

OPERATION: In case of any fault. Fuse carrier is released automatically which releases upper contact and Fuse carrier drops out conveniently. Thus the identification of the faulty phase of the system can easily be traced. Fuse carrier is easily removable with operating rod for replacement of Fuse Links.

FUSE LINKS: FICO is also producing Expulsion Fuses Links K - Type & T - Type upto 1 - 100 Amps.

TYPE TEST: Fuse Cutout Single Insulator has been tested from International Lab KEMA of Holland in accordance with WAPDA Standard.

ROUTINE TEST: FICO has in-house testing facility to carry out all routine test as per required standards.

RATINGS:

Nominal Voltage	11KV	NO.	DESCRIPTION
Maximum Design Voltage	15KV	1	PORCELAIN INSULATOR
Rated Continuous Current	100Amps	2	MOUNTING BRACKET
interrupting Current Asymmetrical (R.M.S)	1,000Amps	3	LONG BOLTS
impulse withstand vollage to ground	05KV	4	BACK PLATE
Impulse withstand voltage across gaps	110KV	5	UPPER HOUSING
Dry One-Minute Power Frequency withstand voltage to ground	35KV	6	LOWER HOUSING
Dry One-Minute Power Frequency withstand voltage across gaps	45KV	7	FUSE HOLDER
Wet One-Minute Power Frequency withstand voltage to ground	30KV	8	FUSE LINK

Technical features

	FICO HI-TECH (PVT) LTD, FICO STREET CLIMAXABAD, GT ROAD, GURAWWAL		
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