

132 kV INSULATORS FOR BRITISH STANDARD 3288 METALWORK

SML = 80 KN - Socket & Ball as per IEC 60120 - Coupling size 16A

Ceramic Equivalent

TENSION

Pollution level
I - II - III - IV

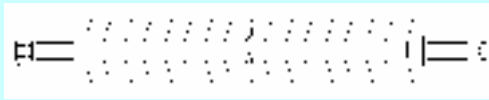


Drawing
E00897R-5

Leakage [mm]	4.555
Coupling length [mm]	1.605
Wet 50 Hz withstand [kV]	440
Dry impulse withstand [kV]	825

SUSPENSION

Pollution level
I - II - III



Drawing
E00897Q5

Leakage [mm]	4.295
Coupling length [mm]	1.540
Wet 50 Hz withstand [kV]	420
Dry impulse withstand [kV]	785

SUSPENSION

Pollution level
IV



Drawing
E00947U5

Leakage [mm]	5.635
Coupling length [mm]	1.540
Wet 50 Hz withstand [kV]	370
Dry impulse withstand [kV]	780

Short Version

SUSPENSION

Pollution level
I - II - III



Drawing
E00897N9

Leakage [mm]	3.655
Coupling length [mm]	1.345
Wet 50 Hz withstand [kV]	350
Dry impulse withstand [kV]	665

SUSPENSION

Pollution level
IV



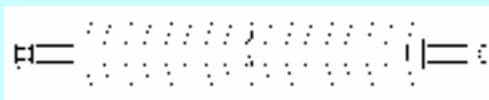
Drawing
E00947R

Leakage [mm]	4.845
Coupling length [mm]	1.355
Wet 50 Hz withstand [kV]	325
Dry impulse withstand [kV]	680

Impulse 550 kV Version

SUSPENSION

Pollution level
I - II



Drawing
E00897L

Leakage [mm]	3.060
Coupling length [mm]	1.160
Wet 50 Hz withstand [kV]	310
Dry impulse withstand [kV]	580

SUSPENSION

Pollution level
III



Drawing
E00947O

Leakage [mm]	4.055
Coupling length [mm]	1.170
Wet 50 Hz withstand [kV]	280
Dry impulse withstand [kV]	580

SUSPENSION

Pollution level
IV



Drawing
E00947Q

Leakage [mm]	4.565
Coupling length [mm]	1.3295
Wet 50 Hz withstand [kV]	350
Dry impulse withstand [kV]	650

132 kV INSULATORS FOR BRITISH STANDARD 3288 METALWORK

SML = 125 KN - Socket & Ball as per IEC 60120 - Coupling size 20

Ceramic Equivalent

TENSION

Pollution level
I - II - III - IV



Drawing
E00942Q-10

Leakage [mm]	4.280
Coupling length [mm]	1.605
Wet 50 Hz withstand [kV]	410
Dry impulse withstand [kV]	780

SUSPENSION

Pollution level
I - II - III



Drawing
E00942P-5

Leakage [mm]	4.040
Coupling length [mm]	1.540
Wet 50 Hz withstand [kV]	400
Dry impulse withstand [kV]	745

SUSPENSION

Pollution level
IV



Drawing
E00948S910

Leakage [mm]	5.220
Coupling length [mm]	1.540
Wet 50 Hz withstand [kV]	350
Dry impulse withstand [kV]	720

Short Version

SUSPENSION

Pollution level
I - II - III



Drawing
E00942N9

Leakage [mm]	3.655
Coupling length [mm]	1.430
Wet 50 Hz withstand [kV]	350
Dry impulse withstand [kV]	665

SUSPENSION

Pollution level
IV



Drawing
E00948R

Leakage [mm]	4.845
Coupling length [mm]	1.440
Wet 50 Hz withstand [kV]	325
Dry impulse withstand [kV]	680

Impulse 550 kV Version

SUSPENSION

Pollution level
I - II



Drawing
E00942L

Leakage [mm]	3.060
Coupling length [mm]	1.245
Wet 50 Hz withstand [kV]	310
Dry impulse withstand [kV]	580

SUSPENSION

Pollution level
III



Drawing
E00948O

Leakage [mm]	4.055
Coupling length [mm]	1.255
Wet 50 Hz withstand [kV]	280
Dry impulse withstand [kV]	580

SUSPENSION

Pollution level
IV



Drawing
E00948Q

Leakage [mm]	4.585
Coupling length [mm]	1.380
Wet 50 Hz withstand [kV]	310
Dry impulse withstand [kV]	665

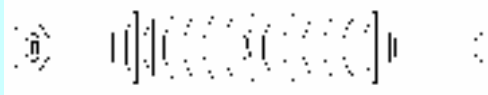
132 kV INSULATORS FOR BRITISH STANDARD 3288 METALWORK

SML = 190 KN - Socket & Ball as per IEC 60120 - Coupling size 24

Ceramic Equivalent

TENSION

Pollution level
I - II - III - IV



Drawing
E00881O10

Leakage [mm]	3.800
Coupling length [mm]	1.605
Wet 50 Hz withstand [kV]	395
Dry impulse withstand [kV]	745

SUSPENSION

Pollution level
I - II



Drawing
E00881N20

Leakage [mm]	3.550
Coupling length [mm]	1.540
Wet 50 Hz withstand [kV]	370
Dry impulse withstand [kV]	705

SUSPENSION

Pollution level
III - IV



Drawing
E00880R95

Leakage [mm]	5.340
Coupling length [mm]	1.540
Wet 50 Hz withstand [kV]	340
Dry impulse withstand [kV]	670

Short Version

SUSPENSION

Pollution level
I - II

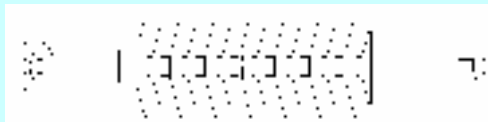


Drawing
E00881M

Leakage [mm]	3.330
Coupling length [mm]	1.445
Wet 50 Hz withstand [kV]	350
Dry impulse withstand [kV]	665

SUSPENSION

Pollution level
III - IV



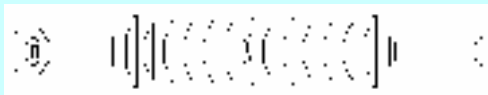
Drawing
E00880Q

Leakage [mm]	4.935
Coupling length [mm]	1.480
Wet 50 Hz withstand [kV]	340
Dry impulse withstand [kV]	670

Impulse 550 kV Version

SUSPENSION

Pollution level
I - II

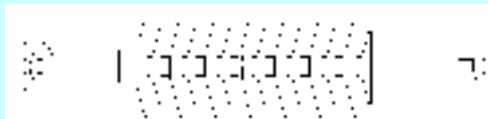


Drawing
E00881K20

Leakage [mm]	2.900
Coupling length [mm]	1.315
Wet 50 Hz withstand [kV]	305
Dry impulse withstand [kV]	580

SUSPENSION

Pollution level
III - IV



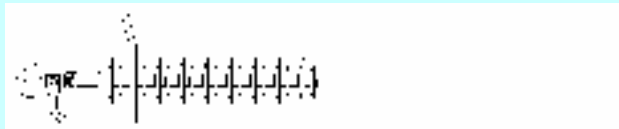
Drawing
E00880N

Leakage [mm]	4.090
Coupling length [mm]	1.295
Wet 50 Hz withstand [kV]	285
Dry impulse withstand [kV]	570

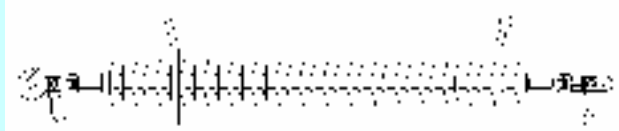
**132 kV INSULATORS FOR BRITISH STANDARD 3288 METALWORK
CERAMIC EQUIVALENT STRINGS WITH ARCHING RINGS**

SUSPENSION - 80 kN

**G00214Q5
type B**



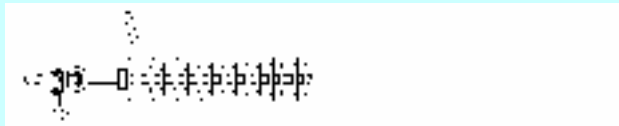
**G00214Q5
type A**



Insulator drawing	E00897Q5
Insulator length [mm]	1.540
Support end coupling	BS3288 15/32
Conductor end coupling	BS3288 15/31
Conductor end ring	H00144/300L
Standard Gap=1120mm	
String drawing	G00214Q5 type B
Support end ring	H00145/260
Approach Gap=990mm	
String drawing	G00214Q5 type A
Support end ring	H00145/390

SUSPENSION - 125 kN

**G00223P-5
type B**



**G00223P-5
type A**



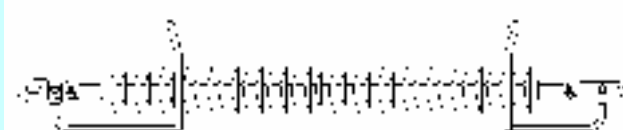
Insulator drawing	E00942P-5
Insulator length [mm]	1.540
Support end coupling	BS3288 28/30
Conductor end coupling	BS3288 28/31
Conductor end ring	H00144/300L
Standard Gap=1120mm	
String drawing	G00223P-5 type B
Support end ring	H00145/260
Approach Gap=990mm	
String drawing	G00223P-5 type A
Support end ring	H00145/390

LOW DUTY UP RIGHT - 80 kN

**G00217Q5
type B**



**G00217Q5
type A**



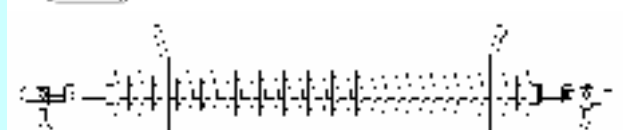
Insulator drawing	E00897Q5
Insulator length [mm]	1.540
Support end coupling	BS3288 15/30
Conductor end coupling	BS3288 15/31
Conductor end ring	H00144/300L
Standard Gap=1120mm	
String drawing	G00217Q5 type B
Support end ring	H00145/260
Approach Gap=990mm	
String drawing	G00217Q5 type A
Support end ring	H00145/390

LOW DUTY INVERTED - 80 kN

**G00219Q5
type B**



**G00219Q5
type A**

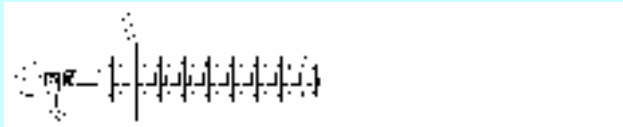


Insulator drawing	E00897Q5
Insulator length [mm]	1.540
Support end coupling	BS3288 15/31
Conductor end coupling	BS3288 15/30
Conductor end ring	H00144/300L
Standard Gap=1120mm	
String drawing	G00219Q5 type B
Support end ring	H00145/260
Approach Gap=990mm	
String drawing	G00219Q5 type A
Support end ring	H00145/390

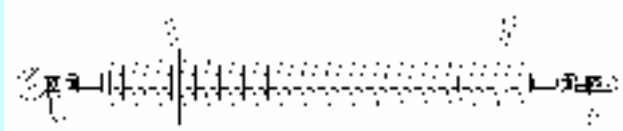
132 kV INSULATORS FOR BRITISH STANDARD 3288 METALWORK CERAMIC EQUIVALENT STRINGS WITH ARCHING RINGS

TENSION - 80 kN

**G00214R-5
type B**



**G00214R-5
type A**



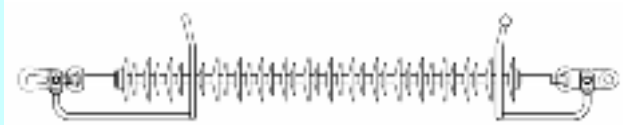
Insulator drawing	E00897R-5
Insulator Length [mm]	1.605
Support end coupling	BS3288 15/32
Conductor end coupling	BS3288 15/35
Conductor end ring	H00144/300L
Standard Gap=1120mm	
String drawing	G00214R-5 type B
Support end ring	H00145/330
Approach Gap=990mm	
String drawing	G00214R-5 type A
Support end ring	H00145/460

TENSION - 125 kN

**G00222Q-10
type B**



**G00222Q-10
type A**



Insulator drawing	E00942Q-10
Insulator Length [mm]	1.605
Support end coupling	BS3288 28/30
Conductor end coupling	BS3288 15/35
Conductor end ring	H00144/300L
Standard Gap=1120mm	
String drawing	G00222Q-10 type B
Support end ring	H00145/330
Approach Gap=990mm	
String drawing	G00222Q-10 type A
Support end ring	H00145/460

TENSION - 190 kN

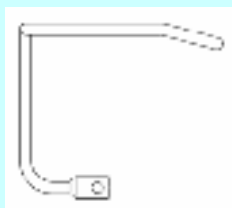
**G00215O10
type B**



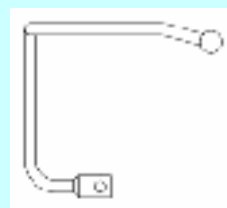
**G00215O-10
type A**



Insulator drawing	E00881O10
Insulator Length [mm]	1.605
Support end coupling	BS3288 42/30
Conductor end coupling	BS3288 42/36
Conductor end ring	H00144/300
Standard Gap=1120mm	
String drawing	G00215O10 type B
Support end ring	H00145/330
Approach Gap=990mm	
String drawing	G00215O-10 type A
Support end ring	H00145/460



Support end arching ring
H00145/
Ring height:
Type 260/260L = 260 mm
Type 330/330L = 330 mm
Type 390/390L = 390 mm
Type 460/460L = 460 mm



Conductor end arching ring
H00144/
Ring height:
Type 300/300L = 300 mm