

ITEM 21
AUX. BLANKING
TUBE.

ITEM 20
PILOT CONTACT
TUBE ASSY.

FLP THREAD DETAILS:-
WHITWORTH FORM - 4.125" DIA. x 14 TPI
(1814mm PITCH). 8mm MIN. AXIAL LENGTH
WITH 5 MIN. THREADS ENGAGED. CLASS OF
FIT - MEDIUM TO ISO 965-1 OR BETTER.

FLP THREAD DETAILS:-
WHITWORTH FORM - 3.625" DIA. x 16 TPI
(15875mm PITCH). 8mm MIN. AXIAL LENGTH
WITH 5 MIN. THREADS ENGAGED. CLASS OF
FIT - MEDIUM TO ISO 965-1 OR BETTER.

NOTE: PLUG LAYOUT SHOWN IS FOR USE WITH 3 PHASE
AND 3 PILOTS, TYPICALLY 7S OR 307S CONFIG.
SEE SHEET 2 FOR 3 PHASE AND 1 PILOT, TYPICALLY 7,
7M, 307 OR 307M CONFIG.
THE MAXIMUM CONDUCTOR SIZE IS 120mm² AND FOR THIS
DESIGN A MAXIMUM CABLE DIAMETER OF 73mm.

SECTION A-A

REF. No.	ITEM No.	DESCRIPTION	No. OFF
1	MC50238	PLUG BARREL	1
2	MC50244	EARTH SCREEN CLAMP ASSEMBLY	1
3	MC50538	INSULATOR CLAMP	1
4	MC123909	GLAND NUT - STANDARD	1
4a	MC50031	GLAND NUT - SMALL	1
5	MC125008	GLAND BODY - STANDARD	1
5a	MC125009	GLAND BODY - SMALL	1
5b	MC125408	GLAND BODY FOR COMPRESSION GLAND	1
6	MC50237E	INSULATOR	1
7	MC124772	EARTH CONTACT PIN	1
8	MC925007	RESTRAINED PLUG BODY ASSEMBLY	1
9	GPC12-14	SKT. HEAD CAP SCREW	1
10	GPC44-42	O RING	1
11	GPC44-43	O RING	1
12	GPC12-14	GRUBSCREW	1
13	MC124847	BACKING WASHER - SMALL - 59 BORE	1
14	MC124847A	BACKING WASHER - SMALL - 52.5 BORE	1
	MC124847B	BACKING WASHER - SMALL - 43 BORE	1
	MC124847C	BACKING WASHER - SMALL - 33.5 BORE	1
	MC124847D	BACKING WASHER - SMALL - 61.5 BORE	1
	MC124847E	BACKING WASHER - SMALL - 47 BORE	1
	MC124847F	BACKING WASHER - SMALL - 39 BORE	1
	MC124488	BACKING WASHER - STANDARD - 74 BORE	1
	MC124488A	BACKING WASHER - STANDARD - 67.5 BORE	1
	MC124488B	BACKING WASHER - STANDARD - 59 BORE	1
	MC124488C	BACKING WASHER - STANDARD - 53 BORE	1
	MC124423H	CABLE SEALING RING - SMALL 26-35	1
	MC124423G	CABLE SEALING RING - SMALL 35-43	1
	MC124423F	CABLE SEALING RING - SMALL 43-52	1
	MC124423E	CABLE SEALING RING - SMALL 52-60	1
	MC124423L	CABLE SEALING RING - STANDARD 60-68	1
	MC124423K	CABLE SEALING RING - STANDARD 68-73	1
15	MC124459A	CLAMP WASHER - SMALL - 52.5 BORE	1
	MC124459B	CLAMP WASHER - SMALL - 47.0 BORE	1
	MC124459C	CLAMP WASHER - SMALL - 43.0 BORE	1
	MC124459D	CLAMP WASHER - SMALL - 39.0 BORE	1
	MC124459E	CLAMP WASHER - SMALL - 29.0 BORE	1
	MC124459F	CLAMP WASHER - SMALL - 59.0 BORE	1
	MC124459G	CLAMP WASHER - SMALL - 33.5 BORE	1
	MC124459H	CLAMP WASHER - SMALL - 23.0 BORE	1
	MC124459J	CLAMP WASHER - SMALL - 55.0 BORE	1
	MC124459K	CLAMP WASHER - SMALL - 61.0 BORE	1
	MC124487	CLAMP WASHER - STANDARD - 74.0 BORE	1
	MC124487A	CLAMP WASHER - STANDARD - 67.5 BORE	1
	MC124487B	CLAMP WASHER - STANDARD - 59.0 BORE	1
	MC124487C	CLAMP WASHER - STANDARD - 53.0 BORE	1
16	MC50239	MAINS CONTACT TUBES - 16mm ² - GRUB	3
	MC50239A	MAINS CONTACT TUBES - 50mm ² - GRUB	3
	MC50239B	MAINS CONTACT TUBES - 70mm ² - GRUB	3
	MC50239C	MAINS CONTACT TUBES - 95mm ² - GRUB	3
	MC50239D	MAINS CONTACT TUBES - 120mm ² - GRUB	3
	MC50239E	MAINS CONTACT TUBES - 35mm ² - GRUB	3
	MC50239F	MAINS CONTACT TUBES - 25mm ² - GRUB	3
	MC50664	MAINS CONTACT TUBES - 95mm ² - CRIMP	3
	MC50665	MAINS CONTACT TUBES - 50mm ² - CRIMP	3
	MC50714	MAINS CONTACT TUBES - 70mm ² - CRIMP	3
	MC50729	MAINS CONTACT TUBES - 120mm ² - CRIMP	3
	MC50769	MAINS CONTACT TUBES - 16mm ² - CRIMP	3
	MC50770	MAINS CONTACT TUBES - 25mm ² - CRIMP	3
	MC50771	MAINS CONTACT TUBES - 35mm ² - CRIMP	3
17	PILOT & AUX. CONT. TUBES FOR TYPE 7S OR 307S CONFIG.		1
	MC50240	PILOT CONTACT TUBE - TYPE 7S OR 307S	1
18	MC50494	AUXILIARY TUBES - TYPE 7S OR 307S	2
19	MC50667	INSULATOR SPACER - TYPE 7S OR 307S	1
	PILOT TUBES & AUX. BLANKS FOR TYPE 7, 7M, 307 OR 307M		1
20	MC50668-16	PILOT CONTACT TUBE ASSY - GRUB - 16mm ²	1
	MC50668-25	PILOT CONTACT TUBE ASSY - GRUB - 25mm ²	1
	MC50668-35	PILOT CONTACT TUBE ASSY - GRUB - 35mm ²	1
	MC50668-50	PILOT CONTACT TUBE ASSY - GRUB - 50mm ²	1
	MC50668-70	PILOT CONTACT TUBE ASSY - GRUB - 70mm ²	1
	MC50668-95	PILOT CONTACT TUBE ASSY - GRUB - 95mm ²	1
	MC50668-120	PILOT CONTACT TUBE ASSY - GRUB - 120mm ²	1
21	MC50535	AUX. BLANK TUBES	2

DRAWING No.	ISSUE No.
CP276	3

CERTIFICATE RELATED DRAWING
NO MODIFICATIONS PERMITTED
WITHOUT THE APPROVAL OF
THE TECHNICAL MANAGER

DO NOT SCALE

DIMENSIONS IN MILLIMETRES (mm)
MAXIMUM MACHINED SURFACE
TEXTURE um Ra 3.2
MACHINE WHERE MARKED THUS ✓

ANGULAR TOLERANCES ±1/2°

DIMENSIONAL TOLERANCES UNLESS OTHERWISE STATED	
UPTO 6	±0.1
OVER 6 UPTO 30	±0.2
OVER 30 UPTO 100	±0.3
OVER 100 UPTO 300	±0.5
OVER 300	±0.8

TEST No.	PROCESS No.
200	---
DRAWN	AER
DATE	12/7/11
CHECKED	12/7/11 AER
APPROVED	12/7/11 AER
SCALE	3:8

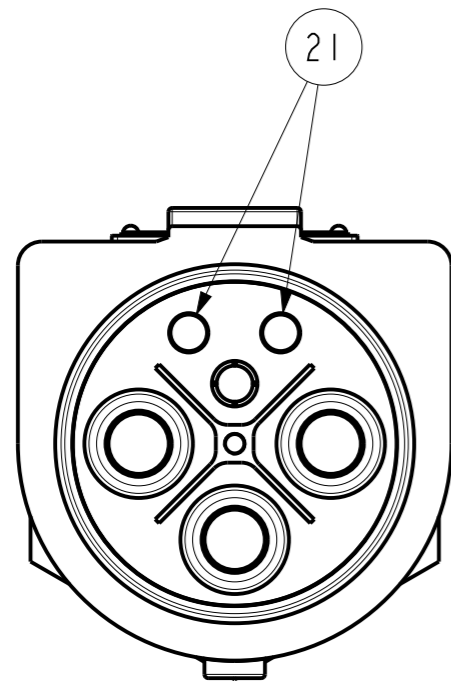
2 DCR DRN 12/7/11 AER
CHK 12/7/11 AER APP 12/7/11 AER
REDRAWN - CAD ORIGINAL
LOST IN SYSTEM.

3 DCR DRN 12/6/12 AER
CHK 12/6/12 AER APP 12/6/12 AER
REFERENCE TO SHEET 2
ADDED.

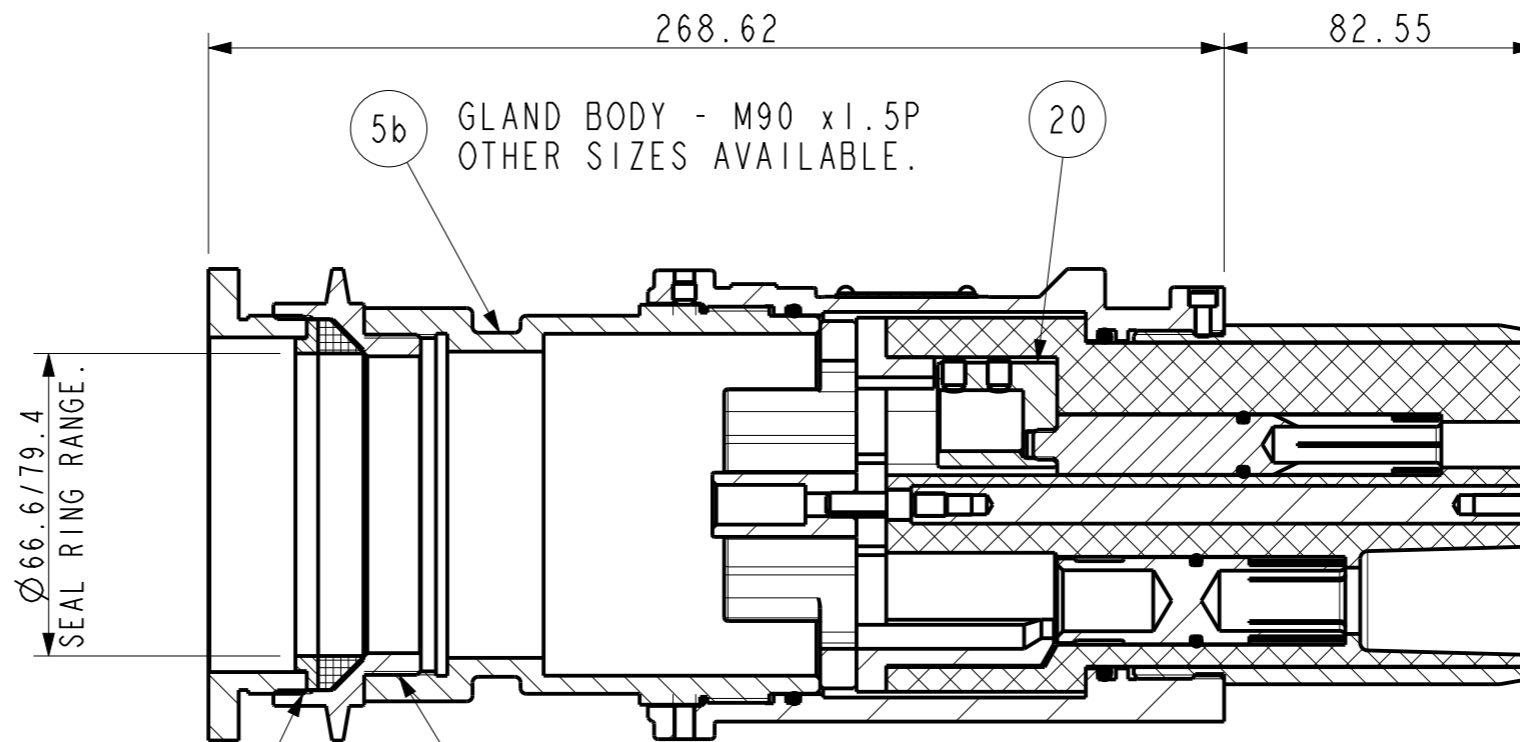
DETAILS OF 500 AMP - 3300 VOLT MAX.
RESTRAINED PLUG ASSEMBLIES - TYPE 30PA

Victor
Victor Products Limited
Unit 3A, Tyne Dock East Side,
Port of Tyne, South Shields,
Tyne and Wear, NE33 5SQ,
United Kingdom.

DRAWING No.	ISSUE No.
SHEET 1 OF 2	
CP276	3



MGA2F90 - GROUP 1
CERTIFIED GLAND.
OTHER SIZES AVAILABLE.



5b GLAND BODY - M90 x1.5P
OTHER SIZES AVAILABLE.

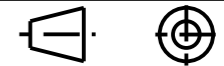
FLP PATH.

SECTION A-A

- NOTES:
- 1, FOR ALL OTHER DETAILS AND FOR TYPE 7S OR 307S CONFIG. CABLE REFER TO SHEET 1.
 - 2, THE FOLLOWING REF. Nos. 4, 4a, 5, 5a, 13, 14, 15, 17, 18 & 19 ON SHEET 1 ARE NOT REQUIRED FOR USE ON STYLE MCV04410558A OR ANY PLUG DESIGNED FOR USE WITH TYPE 7, 7M, 307 OR 307M CONFIG. CABLE.

STYLE No. MCV04410558A
FOR USE WITH 120mm² 307M CABLE.

DRAWING No.	ISSUE No.
CP276	0



CERTIFICATE RELATED DRAWING

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WITHOUT THE APPROVAL OF
THE TECHNICAL MANAGER

DO NOT SCALE

DIMENSIONS IN MILLIMETRES (mm)
MAXIMUM MACHINED SURFACE
TEXTURE $\mu\text{m Ra } 3.2$
MACHINE WHERE MARKED THUS ✓

ANGULAR TOLERANCES $\pm 1/2^\circ$

DIMENSIONAL TOLERANCES
UNLESS OTHERWISE STATED

UPTO 6	± 0.1
OVER 6 UPTO 30	± 0.2
OVER 30 UPTO 100	± 0.3
OVER 100 UPTO 300	± 0.5
OVER 300	± 0.8

TEST No.	PROCESS No.
200	---
DRAWN	AER
DATE	12/6/12
CHECKED	12/6/12 AER
APPROVED	12/6/12 AER
SCALE	3:8

0	DCR	DRN	12/6/12	AER
	CHK	12/6/12	AER	APP
			12/6/12	AER

SHEET 2 INTRODUCED.

DETAILS OF 500 AMP - 3300 VOLT MAX.
RESTRAINED PLUG ASSEMBLY - TYPE 30PA/G

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DRAWING No.	ISSUE No.
SHEET 2 OF 2	
CP276	0