Product Bulletin
Industrial Automation

End of Commercialisation Notification
Preventa XPS safety relays step2

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Preventa XPS safety relays:

After the first step to renew the old XPS* safety relay range, now as a second step we're announcing the end of commercialisation of the remaining XPS range from 30th March 2023. The old products should be replaced by the new XPSU* range.

References concerned:

Existing Reference	End of Commercialisation date	End of Service date	New Reference
XPSABV11330C	30/03/2023	30/11/2025	XPSBAT12A1AC
XPSABV11330P	30/03/2023	30/11/2025	XPSBAT12A1AP
XPSABV1133C	30/03/2023	30/11/2025	XPSBAT12A1AC
XPSABV1133P	30/03/2023	30/11/2025	XPSBAT12A1AP
XPSAC1321	30/03/2023	30/11/2025	XPSBAC34AP
XPSAC1321P	30/03/2023	30/11/2025	XPSBAC34AP
XPSAC3421	30/03/2023	30/11/2025	XPSBAC34AP
XPSAC3421P	30/03/2023	30/11/2025	XPSBAC34AP
XPSAC3721	30/03/2023	30/11/2025	XPSBAC34AP
XPSAC3721P	30/03/2023	30/11/2025	XPSBAC34AP
XPSAC5121	30/03/2023	30/11/2025	XPSBAC14AP
XPSAC5121P	30/03/2023	30/11/2025	XPSBAC14AP
XPSVNE1142HSP	30/03/2023	30/11/2025	XPSUVN11AP
XPSVNE1142LFP	30/03/2023	30/11/2025	XPSUVN11AP
XPSVNE1142P	30/03/2023	30/11/2025	XPSUVN11AP
XPSVNE3442HSP	30/03/2023	30/11/2025	XPSUVN31AP
XPSVNE3442LFP	30/03/2023	30/11/2025	XPSUVN31AP
XPSVNE3442P	30/03/2023	30/11/2025	XPSUVN31AP
XPSVNE3742HSP	30/03/2023	30/11/2025	XPSUVN31AP
XPSVNE3742P	30/03/2023	30/11/2025	XPSUVN31AP
XPSAXE5120C	30/03/2023	30/11/2025	XPSBAT12A1AC
XPSAXE5120P	30/03/2023	30/11/2025	XPSBAT12A1AP

Existing Reference	End of Commercialisation date	End of Service date	New Reference				
XPSECPE3910C①	30/03/2023	30/11/2025	XPSBAC34AC + XPSBAC34AC②				
XPSECPE3910P①	30/03/2023	30/11/2025	XPSBAC34AP + XPSBAC34AP②				
XPSECPE3930C①	30/03/2023	30/11/2025	XPSBAC34AC + XPSBAC34AC②				
XPSECPE3930P①	30/03/2023	30/11/2025	XPSBAC34AP + XPSBAC34AP②				
XPSECPE5131C①	30/03/2023	30/11/2025	XPSBAC14AC + XPSBAC14AC②				
XPSECPE5131P①	30/03/2023	30/11/2025	XPSBAC14AP + XPSBAC14AP②				
XPSECPE5130C①	30/03/2023	30/11/2025	XPSBAC14AC + XPSBAC14AC②				
XPSECPE5130P①	30/03/2023	30/11/2025	XPSBAC14AP + XPSBAC14AP②				
XPSMP11123③	30/03/2023	30/11/2025	XPSUAF13AP + XPSUAF13AP④	or	XPSUS12AP + XPSUEP14AP④	or	XPSU combination④
XPSMP11123P③	30/03/2023	30/11/2025	XPSUAF13AP + XPSUAF13AP④	or	XPSUS12AP + XPSUEP14AP④	or	XPSU combination④
XPSTSA3442P⑤	30/03/2023	30/11/2025	XPSUVN31AP⑥	or	XPSUVN31AP + XPSUEP34AP⑥		
XPSTSA3742P⑤	30/03/2023	30/11/2025	XPSUVN31AP⑥	or	XPSUVN31AP + XPSUEP34AP⑥		
XPSTSA5142P⑤	30/03/2023	30/11/2025	XPSUVN11AP⑥	or	XPSUVN11AP + XPSUEP14AP⑥		
XPSTSW3442P⑦	30/03/2023	30/11/2025	XPSUVN31AP[8]	or	XPSUVN31AP + XPSUEP34AP⑧		
XPSTSW3742P⑦	30/03/2023	30/11/2025	XPSUVN31AP[8]	or	XPSUVN31AP + XPSUEP34AP⑧		
XPSTSW5142P⑦	30/03/2023	30/11/2025	XPSUVN11AP[8]	or	XPSUVN11AP + XPSUEP14AP⑧		

① XPSECPE extension offer has 8NO safety immediate output contacts, 45mm width.
► As an extension > it can be used just with legacy offer
► As stand alone applications > as safety inputs are on the power supply, some customers have used it as stand alone.

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② XPSBAC offer has 4NO+1NC safety immediate output contacts, 22.5mm width.
► As an extension > two XPSBAC reach 8NO+2NC safety output contacts.
► As stand alone applications > as safety inputs have the same behaviour as the XPSECPE, it means, the inputs are on the power supply, customers can use two XPSBAC in same applications, reaching the same number of safety output contacts, safety level and width for the housing.

③ XPSMP offer has the possibility to use with two similar or different safety input devices in a housing of 45mm, having 3NO safety output contact for Function 1 and other 3NO safety output contact for Function 2, power supply of 24VDC. 15 configurations can be selected to be used with safety function devices.	④ Below possibilities to be considered, according to the application and safety output contacts: ***Configurations 1, 2, 7 and 8 (E-stop) & configurations 3 and 4 (Protective guard)*** The XPSUAF range has the possibility to use with just one safety input device, in a 22.5mm width housing, having 3NO safety output contacts, and when two safety modules are being used, two similar or different safety input devices can be reached, having 3NO safety output contact for each Function. With XPSUAF range, other possibilities are available, like for OSSD safety devices, and other combinations (for more information, please reach out your Offer manager). ***Configurations 5 and 6 (Protective guard), configuration 9 (Injection or blow moulding machines) & configurations 14 and 15 (Magnetic switch monitoring)*** For similar safety functions, the XPSUS range has the possibility to use in a 22.5mm housing, having 2NO safety output contacts, and an addition of an extension module XPSUEP14AP, the number of safety output contacts is extended to 6NO, however all safety output contacts can be used just for one Function. ***Configurations 10, 11 (Enabling device and safety mat)*** For attending both safety functions, a combination of XPSUS + XPSUAK ranges has been necessary. XPSUS range deals with Enabling device, in a 22.5mm width housing, having 2NO safety output contacts & XPSUAK range deals with Safety mat, in a 22.5mm width housing, having 2NO+1NC safety output contacts. ***Configurations 12, 13 (Safety mat and light curtain)*** For attending both safety functions, a combination of XPSUAK + XPSUAF ranges has been necessary. XPSUAK range deals with Safety mat, in a 22.5mm width housing, having 2NO+1NC safety output contacts & XPSUAF range deals with light curtain, in a 22.5mm width housing, having 3NO safety output contacts.
⑤ XPSTSA offer has a time delay until 31s in a 45mm width, and it has been used in applications with interlocking on high inertia machines with long rundown time (guards unlocked after safety time delay has elapsed), being used with XPSVNE. However, the safety output contacts have their status changed once the time delay is elapsed, and coming back once the power supply is restarted by the input. Which maximum achievable safety level is PL d/Category 3 conforming to EN/ISO 13849-1, SILCL 2 conforming to EN/IEC 62061	⑥ XPSUVN safety module has a time delay from 0 to 900s in a 22.5mm width, and it uses an adjustable activation delay. The activation delay is the period between the point in time at which the measured voltage drops below the adjusted voltage threshold and the point in time at which activation of the safety-related output is triggered, which matchs the same function as the XPSTSA. The maximum achievable safety level for XPSUVN is PL e/Category 3 conforming to ISO 13849-1, SILCL 3 conforming to IEC 62061 & SIL 3 conforming to IEC 61508. In order to complement the number of output contacts, the XPSUEP must be added, which them both mounted reaches 45mm width.
⑦ XPSTSW offer has a time delay until 31s in a 45mm width, and it has been used in applications requiring safety time delays: applications with a safety switchover contact (shunting contact in association with XPSVN modules for zero speed detection, solenoid valve monitoring, etc.). Which maximum achievable safety level is PL d/Category 3 conforming to EN/ISO 13849-1, SILCL 2 conforming to EN/IEC 62061	⑧ XPSUVN safety module has a time delay from 0 to 900s in a 22.5mm width, and it uses an adjustable activation delay. The activation delay is the period between the point in time at which the measured voltage drops below the adjusted voltage threshold and the point in time at which activation of the safety-related output is triggered, which matchs the same function as the XPSTSA. The maximum achievable safety level for XPSUVN is PL e/Category 3 conforming to ISO 13849-1, SILCL 3 conforming to IEC 62061 & SIL 3 conforming to IEC 61508. In order to complement the number of output contacts, the XPSUEP must be added, which them both mounted reaches 45mm width.